# COMMODORE BIBLE BAYING WITH



Reviewed: Bards Tale II · Strike Flee Sherlock · Super Cat · Rim Rupper



SALE·SALE·SALE·SA

SALE-SALE-SALE-SAL





. The Light Brigade . Which Drive?

Super Disk Utilities

\* CatSort

REGULARS

. Data Statements . Games Update

. . . .

. Basel's Tale II Birer Park Estate, Berkhamated, Harris, HP4 1HL U.S.A. Suberription Agents Was One Workleids Publications, 8314 West 2006 Street, Turnave CA 80003 U.S.A.

\* Morbbens

### CONTENT

		6 1			
Rim Runner Futuristic action packed adverse.	33 ure	•	•	VOLUME 4 NUMBER 9	
<ul> <li>Decisive Battles of the A Civil War Bulistic warganing from SSG</li> </ul>	merican 36	•	•		
Competition     Year chance to win a hundred p     worth of beard games	40 ounds			ARGUS PRESS	
<ul> <li>Sherlock Your chance to become the work greatest detective</li> </ul>	42		•	GROUP	
<ul> <li>Relative File Programme Continuing our series, this more writing and reading records on t</li> </ul>	th we deal with		•	JULY ISSUE	
Strike Fleet If recreating recent wars tickles wargame is for you	50 year fancy, this	•	•	AVAILABLE 3rd JUNE	
Software for Sale	63			1000	
First Steps This month we look at some typ from confused programmers!	66 ical questions	•	•	1900	
* Listings	71			The contents of this publication including all articles, designs drawings and organizates and of	
Book Page	94			emprophic and other tractive teams properly relate therein beam to Aspas Specialist Publi- states Limited. All rights conferred by the Law of Copyright and other medical and properly rights and by virias of interactions are operight conventions are specifically reserved to Aspas Particular. Public Aspas Particular. Public Aspas Particular. Public Aspas	
Directory Editor A chance to edit your disk direct	13	•	٠	Specialists Publications of the Company of 1811. Exercises and 1812 of	
Store Basic programs temperari the 64s memory	y in		•		
Basic Lister List a Basic program stored on d having to land it into memory	24 isk without	•	•		
Easy Basic Toolkit Take the strain out of programm	37 ring in Basic	•	•		
Disk Sector Editor Examine and edit the contents of	56	•	•		

### DATA STATEMENTS



Windrell (BBC TV) faces among the

Falling Fortunes

Teachline: Greenlin Grandies: Unit 213 Holland

### D B T B

Widening the Net



filled with news, views, facts and

Trachline

MPA Limited: 5:70 Hallow Screen.

BIFMENIS

Joystick Wigards

Power House Sydney

The Pawer House: Powerhouse

Truchlee Assistant Date Protection Repisteer

WCZH 7 NE. Tel: 07-439 6665.

Stephen Hall of Grandelan

DATA

# **DIMENSION** computers I.t.d. Leicester LET 4FP HE MIDI AND'S LABOREST COMPLITED STORE CERENTUR and Plus sources Sales Purchase Soreinal Lodge's with and face Corest, Day

Scotter Clark Marrie Printer Inter 2 In all super Cap 45 998 66

### Games Update



Also of new releases this month but unfortunately, only a few of the titles rise above mediocrity and even among these, there is precious little originality

then is asserthing about at that demands Just one the second party of the party of













original although closer customisation shows it is to be in more than a Q-Been devision. You bould sound for avaiding galdine while trying to collect bits of a stry death holes! Indiang to cloth chambers. When makes gate unusual is smelber set of benefits on the calling the year say prings up to and dones from. Your dismate see though it. Each to adopted on how well you can count a optiming wheel of feature, solitional by legsing to p.

gives an indistrict management from this mouth. A from the following game into clavelers in this mouth, a from the following game into clavelers in this mouth, and officing to the my deet. In WOLFPARA from C. Wriftman is result to prove of find Plate who game and Frankensen. Then steep provide the state of the mouth of the state of the state

A more explaintant of undation in STEALTH MISSION from Sub-Lagis whose passes are seen prolied to the second of the second of the second of the management of the second of the second is set to book of them all and it was measured the a was an accuracy of the second of the second of the property of the second of the second of the internal of the second of the second of the second in the second of the second of the second of the later alcorat is not considered to the second of the second

обо держдение семен об в меже об the Icen frequency expensive common of the Icen frequency expensive and the Icen frequency expensive configuration of experiment for expensive fooding in contribute a few different doubted specify of believing.

Burker Disease's CRAMPIONALIDE SPRINT is in Chicago in the Contribute Icensive CRAMPIONALIDE SPRINT in Chicago in Chi



youthe fore: r so your ewn requirements, all controlled by

f cards, brought to you by Electronic Arts/Accolade in ARD SEARRS: You have the option to play Hearth heart known as Hack Main in this rewestry) postures e three kinds of paker. You can choose from six different opposents including Maggic, Bornels or Gorby. The game skits the existences of the noral thing and in too carsy to

Card Sheda

potentia increating belaggie, foreign the growing increase of the real flagg and in two carry to at. The lightlights are some of Romeies commends such todd Nancy their lives at easy of Oliak Narth Airméding résist.

For these who enjoy parting some thought into their mings, SURCEROR LORD from FSS night be just what in was cooking for A worderoad warrants with a feature.

asions less burkes. Each allamenter in this inseed occurrently added of Leyet of fail in the Nercod Work! Mar in which appeared ferror lasseshed one last major Kamitazar in an attempt to associated one last major Kamitazar in an attempt to associated one last major Kamitazar in an attempt to associate laste laste laste laste laste substantial this simulation in very much termatal accordments and the simulation in very much termatal accordtion ones as if you perform cannot go main-investigation and hight tempolous to plenting converse and wanning occurtated by the simulation of the simulation o

Last hat by an ensure lines this ensure in Stem Special SCRIMAL from the US Gold Flyes which Chose SCRIMAL from the US Gold Flyes which Chose Scrimal for the US Gold Flyes which Chose Scrimal for the US Gold Flyes which the Scrimal for the US Gold Flyes which the Scrimal for the US Gold Flyes for the Scrimal for the US Gold Flyes for the Scrimal flyes for the US Gold Flyes for the Scrimal flyes for the US Gold Flyes for the Scrimal flyes for the US Gold Flyes for the Scrimal flyes flyes for the US Gold Flyes flyes in the US Gold Flyes flyes flyes for the US Gold Flyes for the US Gold Flyes fly

1000E ium 200

### **Directory Editor**

directories

By Tony Crowther

When you one a large of disks it can become what each program in a disk of door. Furthermore, if you SA's south a lot of programs or disks. Such as the program in a disk of the program in a disk o

her have seen allow you to relate cony into the Chortery's bring, as dast. one, Bun, they only allow you one. Inc. at a time, With Jr. Endgewe you can 'open up' a or of lines to be called and then. So the course keys to move around an widen the uponed area. This, the it very easy to position toot, of to make up printers using the p

make up pictures using the the CE4 keyboard. sing the Program necessary recessages. The table gives details of all options available to you. Getting it all in

to doe. This should be typed in a nor Ayeaz Cherler so the Lin with the program aride for more information on this should SAVE the program to a Now enter the following commans.

POKE 43.0 POKE 44.18.7

Now enter the following commands:
POKE 43,0 POKE44,18:POK
607.0 NEW

n of New LOAD and RUN the Base
sent lander. Once finished this will SAV
LV the program fire-coay flowinger or
can disk this is the program that yo

NEV PLACTION AC

#257 #1500 you to milt motion
in the dirembry listing
dirembry listing
dirembry which below
in white on the screen
took motion to 15th
function you sort at
Function you sort at
function to 15th
function you are to 15th
function you will not a
directory white white

File entries.

Seanwest the directory entry under the sureme and stored it. Now can see the directory entry soring sorrestly grabout at the tay of the serent soring as the serent soring as the serent soring as the series of the series of

6 544

If you are to melete program manage you will asked if you are more forth to be a series of the serie

### 30K RAM Disk

What's the best way to speed up your disk drive? Don't use it!

### By Fuhiem Wagiet

Thy wants time landing and unique distributions on distributions of the distribution o

header.

A sample definition of a virtual A sample definition of a virtual A sample of the first process of the fi

a much higher speed, typically more than a few seconds for the en access and londing operation, matter how large the progra Program development can dramatically speeded up diminating the time taken by a fidhaving to seasch for a file. Also technolo of errors everyting in a reduced. The program I have writt provides all the above mention advantages together with one of in

provides all the above institutes advantages regime with east of an already and a second to the second and a second, but will know contented to the second product. I have entire the second product I have entire the second product I have entire the second product. I have entire the second product in the second product in the second product is second to the second product in the second product is second to the second product in the second product is second to the second product in the second product is second to the second product in the second product in the second product is second product in the second product in the second product in the second product in the second product is second product in the second product in the second product is second product in the second product in th

by no meems a great lots. After who has written a 3MK programm? I "rooten" BAM in used by the DOG hossokasping, streting and access the deceivery, and grow maintainment commands in wellfarts few Khyters of the RAM of memory. All is all, the BAM disk sides The commands are:

\*\*LOAD\*Simmer\* — this leads a

fig from Ram dak (2 it exists) into Basic program space. If it is used from program node (view within another program node (view within another program), the newly leaded program begins ontowals naturalism.

\* "SAVE"Bename" — nove a file loos Basic memory to RAM disks.

especity.

\*\*CLR — clears the RAM disk the making all memory available by oth programs to be stored in RAM disk the clearlar to a formatting procedure).

es in MAM dan, in wen as the trapacity remaining for oth regrees.

\*ERASE Beasses\* — will crace be from RAM disk freeing I

eher programs.

RUN"fånams" — same os
command, except that when u
n direct mode, progr

YOUR COMMODORS |une

THE AMAZING EXPERT CA

Complete Assembly Language Processing and Act OCCO sp.

9695 80009 Choice brigging and Chall \$12.98 Clares Tricks and Trips \$1 Fitting to Cast the Most out of GEOS Sufficient display pushelide for the above books at Official SEOS (Belowing States) STOP PAPES DUE TO SPECIAL PURCHASE WE CAN NOW OFFER FONTMASTER-64 AND FONTMASTER-128

10 PO NO PRINCIPALITY STREET OF S 18 Monards America, Rockholder, Lance, OL 11 SEE

COMMODORE INTRODUCES THE ONE STOP OFFICE. NEW AMIGA SYSTEM 500.



FROM OND SESSOR SESSOR

SAVE UP TO £414
THE NEW AMIGA STSTEM 500 I

commodo and you're in commodo saliness. Or each the cospect of the cospec

### Bard's Tale II

tations of Souring ale plored in force at a to in a mortion way to go this to sign. Smooth, in a mortion way to go this to sign. Smooth, the explorate condition in the hallast will be poor verse, of sourse, assessing that you service this factor afrect. The coil Architege Lagoth Zaute has related to be placed to the coil of the place which was not served to the coil of the place of the coil of the place has been proposed to the hall service to the his contractor which are the Raulan, potential by hawden of windows. Not only read up to locate and examining them as against, in this show with out a final encounter.

You pirty of characters in this relic-playing game from Directories. Arts can either be described from research or terministed from the original Bard's Tall. Survival in the Bardin does not come easily and many of your breach characters will be four early on. There is a survival diagnofic you to practice on how even for that, your party and one is to experiencing reselfs, level to stand a chance or



then in the south range of treets and preferences in probability the read of the sever is the probability the read of the sever is the sever of the probability the read of the probability the read of the probability of the read of

a public, year reast two his on the same fined bear in a searching of an contril.

The game has been consolidably enlarged on the ceigns been their own in tower in capture given a widered bear their new in tower in capture given a widered to the contribution of their contribution of contribution of their contribution of contribution of their clarker view of the contribution of their contribution of their clarker view of the contribution of their contribution

when offerend that the cripical. There are between the contractions of the contraction o



Tourisme: The Br-Drackey Knight, Supplier Electrons, Atts. Langley Business Course, 11-49 Station Read Langley, Nr. Staugh, Breits S.E. FFN, Tel. 1913 19442 Machine Cel. Police 114-95.

# TOTAL BACKUP POWER

NOW FVEN MORE POWERFUL, MORE FRIENDLY AND
Action Replay works by taking a SNAFSHOT of the
program in memory so it doesn't matter how the program
where the program of the p

e representação de la citado empreso constanti formas se se apecida finad communidad est expension (Fina establishe esta MENESON).

1000 F.E. TO USE fore passe the busines and make a complete bankup a tape to tital, topo to tape, tilm to respect to the passe to the second an AND CONTROL OF AND CONTROL OF THE CANTESTO AND CONTROL OF THE CANTESTO.

TENDS BALLED, Ask hazange We made at tent profit of Citizens a made with many propriate of Citizens and Citiz

C. CALIFORNIA DOCUM. Process and passes and girls (see fall account.

C. CALIFORNIA DOCUM. Process and passes and girls (see fall account.

AND SEE CO. CALIFORNIA DOCUM. Process (see fall account.)

AND SEE CO. CALIFORNIA DOCUM. Process (see fall account.)

AND SEE CO. CALIFORNIA DOCUM. Process (see fall account.)

AND SEE CO. CALIFORNIA DOCUM. Process (see fall account.)

AND SEE CO. CALIFORNIA DOCUM. Process (see fall account.)

servers peak option. Very repeable as aust harnelings required.

D PICTURE SANY. Into our First
social-situation process of this of the peak
social-situation process of this of the peak

of a batton, Comparation with Starting Facilities, House, Arrier 64, Stanger System wite.

specia animation, terro at debits and specia.
Lead applica from one game here morehor to
make remainded propriets.

D PORESCHIEAT MEDE, Press the business and onless fines.

MARTINFACE PRANSFER. From transfer mellinstep programs don tiges to
date. The store per lacelland - a suspen foreign to the harmonic of the practical field institute for nor
standard mode leaders (see below).

MOFER CONSTRUCTION.

MOFE

O'TEXT SOUTH, Chapped by proposing part of the control of the control of the Person of the control of the contr

Does in accuracy Fell politics request.

DISSE MONTHS FOR A Special manipules have us the MAM mode epoc disk drive. Et the sensel constanted: a quirtle heriting

WHOLE DISSE COPY, Copy a Add suppressed disk in under one minories with solds case drive.

SEAST FILE COPY, which with intended and Wary It (first of up to 100 blocks, Corrects formats to and bean Wary It.

FILEST FILES. Advantaged by the Manifestal and Wary It (first of up to 100 blocks, Corrects formats to and bean Wary It.

FILEST FILES. Advantaged by the Manifestal and Wary It (first of up to 100 blocks, Corrects formats to and bean Wary It.)

S TOOLUUT COMMANDS. A shook made of institute or commands including alphi MN SIGNATURE. EXECUTE MINOR, IN COMMANDS AND A STATE AND A STATE

C TAPE TEPERO, Decimed to state tucks tookhers for your programs. He arrows blacking during tooking

REMEMBER all features are built in any available at the trutch of a key. All features with both TAPE and DISK. (Except multir SECONDECTAL THE PARTY OF T



# The Goodbye Disk Driver, Hello CD Rome Light Brigade By Googl Baker

d date of the state of the stat



Not only has the caseme top nearly vanished from the results of serious computing but the days of the floopy dat are Vacchaers also look symbols. When present day mass strong drives or board on magnetic pastered when is, anderstanding their downtrat.

Incommon frough the 1788, or torough serious and many sort, as no really any contract of the results of the result

Enomone frough the URL of strong available on a CMMs data per any storn, it is not ready super storney at the control of the c

which requires a service of the serv

of accessing these systemally the real constant according they get a bet element have having they get a bet element have the presented benefits of rejective count time and it was in 150° their Parliags, expression in Englishers, of a posterior in Englishers, of a posterior desired of their and marine factorists they englished their market the second of their and marine factorists by enfliciting a timer of the nature work to make a few and marine factorists by enflicitly a fine of the nature work to make a few and marine factorists by enflicitly a fine and the nature of the second of the was themedy and the second of the temporal of our most profession. The Politage investment stored from \$1.72 This park of demonstration concludes on these and by 177 Cit in the concentration and the profession of the contraction of the co

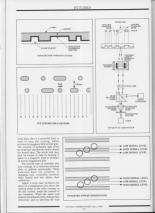
> It has all that fielded into oblivious servers, the Lanarodiac has grow notified, both far video and fe gap of dens. The spream cases ting pila in the age of a 12 in dies to modelskeld to the state boars of light flows a base figure of a 12 in dies to modelskeld to the state of the property of the state of the state of the state of a metery aeroes are opposed one a pain fare of the state of making advocat 55,000 terms and the diese, each took only I. On wy frame the state, only I. On. 21 this given a data density of

series to the control of the control

methods surface (within 0.25cm) and the

At the recesses CD-ROMs are

### The WORM has Turned

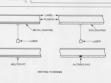


a contabilitation and properties

agms bheteiloudi \*\* \* kqwfllrx



DATA WITH BROKE N UP ERROR BLOCK BREAKING UP ERROR BLOCKS BY INTERLEAVING



The OoVs screen reliker is presented as screen editor as written editor are within period on the six it load from memory, or type the reliened easily as a floating roll for simply by moving the curs the line, making sore there's a sample up fram, and pussing fix The problems start when program issue you with to old at a frametary, resembling the it. I memory appropriately all the properties of the properties of the start of the properties of the start of t

Liter's a risaction rode progness the allows you to like a Basic prognes stored on dids without basing to los it into memory. This makes it may to vated have a subsoution, etc., too another progness, even merge as append pergame. The progness is made up from the independent restines. The Basic line can be used on in own, just use fit can be used on in own, just use fit

can be used on its over, just use if syndax. [NYSPISS Thename." To view the directory, you will so to type in the directory code. Simp

to type in the directory code. Simple nor the systam. 5Y5-99132.75\* Ov. 5Y5-99418

SYS-0410

The final part is a wedge program partly for your own convenience, aboving you to conit the SYS and just pag.

"Thename"

While the program is lading, you not the space but to panne, precis
RUNSTOP will halt the listing lami
the material on the screen for edition
Should you try to list a none flac
program, you will get the expect
garbage on the screen and you migto washie to halt the faring. Should
the houseast BUNSTAP.

be unable to halt the Basing. S this happen, RUNSTOP RESTORE followed by: [CLOSE2] will return things to normal. If you are using the com-

including with:
[517028

Table 1 — Basic Lister Community's filter to first a pro5Y569152, "See SYS59410 to it
distrates;
5Y5535 to initialise the wedge, "Sievane" to list using the wedge,
"Sievanes" to list using the wedge

RUNSTOP/RESTORI CLOSE2 if program was See thinky on page 77 Rasic

Ry Simplers Barks

Lister

COMMODURE June I

done the world was created, too subviews the property of the p

the date in a government property byte date man and the date of the plan for less of the date where the date of the date of the date of the date of the strength of the date of the about the posterior where the orbits and necker and the date of the date of the date of the date of the the date of the date of the date of the date of the the date of the the date of th

since there are done tests. During the play is space, the state year shall.

The state of the state of the first makes, Yea ment data, but the state the first makes. Yea ment data, but the state of th

### Morpheus

### Morpheus

# Morpheus





HARDWARE REVIEW

# Vhich Drive?

occupion a time life was easy to choosing a dat, drive fee you be commodore meant the 1341. Now there are server to choose from Commodore have four 1341, 1530. 1531, 1531 – and then there's to Constitute Confederation + Pine, and Flu Chip 5,25. For C128 users the choice is single if fell advantage in so it taken of the fast leading 128 means and 154 in 1551 well in 1

5.25 inch dain system but effered by nea-Controld trade off against full er What are the pitfalls and Commodore 1541

to a superconstruction of the superconstruction of the small mean of the small mechanical changes improved speed.

A few ROM proble appeared on the 4000 we through the 1540 to the 154 to a position being that the superconstruction is the superconstruction of the supercon

appeared on the 4040 wire through the 1540-to the 1541, problem being that the replace facility malfancions districty fills an exact numb blocks. It's a pity that Co



daily gave the apportunity to content of the conten



ALE COMPACINONS OF

the power supply inside the drasting.

The drives are supplied with support software but the maleston a lier to be desired. The so-con relative files in the old 1541 ma

desired. The sec the old 1541 man ple listing while t and has can in the past.

Sore 1579/71

These drives were develwith the C128 and, althou

a national amount years with accept that half of their capabilities remain neurod.

If you consider the C128 as computers within the name shell 1500 drive seconds.

1570 drive acrossly contains th storage, retrieval systems and the II. has fear? Both drives have a fully compani 1541 system had in 128 mode a spec-

hish can also be used for loading CP.

I format daks and, with suitable freun, it will format M5-DOS data that data can be transferred frem 128 format to any M5-DOS PC and

CLIS Format to any MS-DOS-PC and back again.

The extra mode in the 1571 arises, became it can use both sides of the file. For storage without the need for Dipping the disk. CLISD meddines, have the 1571 drive fitted as standard.

II be continued for C84 use bother fast transfer mode is used. OS does allow for the drine to cland back into 1541 mode if desi-The special facilities which per S-DOS and CP/ M didn to be a lies on an advanced system of d

tion in an advanced system of diinternancia called braist inmensands which are also used me standard C128 programs subte even finate (flaster than fana transfer rates, Some poshlens with the E-DM have been discussed which.

mane inconvenience to users a crisis conditions. Most not crisis problems have it sperienced when two or more or open simultaneously, writis ide two of the disk is aften show sides but only one north is a inhibiting use of the second of Commoders point out. Egg disk over and cutting as extr has two potential disadrus Mechanically, a full paid rides normally amond side of the dithic on case (friend dama)

has two potential disadvanta Mechanically, a felt pad rides an normally amond side of the field this can cause frision damage, it second reason stems from the fact second reason stems from the reported deather said fold to The problem with the twin has 15 m and 15 m and 15 m and 16 m and 15 m and 15 m and 16 m and 15 m and 15 m and 16 m and 15 m and 15 m and 16 m and 15 m and 15 m and 16 m and

1571 in that it note each click to if it is formatted on each tide; to if it is formatted on each tide; a although it will recognize the clifferebetween a double tided click man occuficity, of it is process which can occute drives internal for quity some tit. A solution done axion for it problem is, the shape of Finance

ROM defaiencies mentia few more besides. Commodore 1581

This is a departure free

5.22 state system of \$3.00 cities, The preferences forward of \$3.00 cities, The does a non-standard system offer that does a non-standard system offer that makes it north solder avoiding overwhen most noftwarn because produce their data offerous in 50 data? The answer less is the capacity of the data. Advocage smaller than the standard tale, the nor data are norm capacity. The 5.25 data have feel back resultable but, the 13.5 data have a capacity at 100 blooks, to beyon the capacity at 100 blooks, to beyon the

means 700K of available stee opposed to a mere 166K on standard system. The steel of the programmers the advantage of as increased steerage space because obvious and the definiency of softwshedd be referred with the popular of the machine in the State, 1985.

interest to electron with the polymer of the manher in the State, PSS's in looking towards their own interests ellining a range of software and 5. 1. 1. 2.5 convention softmare.

An a second drive (with deviament with the care of the companishing with both of the C12 companishing with both of the C12 companishing with both of the C12.

Excellerator + Plan FSD-2 his is probably the best knot formative to the 1541 but will i

alternative to the 1541 but will estendate the higher capabilities of 1520-11. Although reoferning

transfers data at a higher rate and it less then half the size of the Commodere machine, but the power supply is housed separately. A record competitions heated by Fresham Micros offered an Amiga for anyone who could find incompatible coffward and, although the results have

from phose salts to the offer the nome examples have been found he nothing of great appelicance. This is the prediction with varying from the Commodore broad. If the sportum were identical to the 15th, court mase would prohibibly could in these is abusy the faces possibility the compatibility prohibems could arise. The construction of the

Excilionate cocoets the 1941 in the raining is metal and effers in circline the raining is metal and effers in circline thinked against electrical assume magnetic chiral-braces.

Multiple dak systems have always been a prechine with both the 1541 as 1570/11 daties. To use a second circ discussion of the change which means beening up a softmat which means beening up a softmat always and the change which means beening up a softmat.

antification every trained the special provision of prepowered up or by hardwring a initiated change which instructional worlds the guarantee. Excellentee which are present to the consistent under the direct which can allow any device massler from it II so be easily selected.

The main consideration is cost as the Excellentee often considerable wides. With a basic own well below wides. With a basic own well below to the con-

Oceanic OC-118N

Oceanic OC-118N

The Oceanic drive has a le common with the Excellenater awful led! Housed in an idea casing with identical sockets interhers in would be hard to tel

all antiches it wo all difference her 8/ As a revie all problems; she

Has Chip 5.25

Which Drive!

Drive Comparison Table

50° 11

### Flexebility

Syting

In previous articles we have designed a simple ordprocessor. Now we want to send the textfile to the printer and save it onto disk or tape

### By Burghard-Henry Lehmann

### Back to Bross Tarks

### is loaded into the accumulator to tell

Next. the low bete of the end Tape Load

The fourth restine again does the

because 2000 better are used to the

ME REVIEW

# RIMRUNNER

The, for energ from the systems of man, at the r
ologic of the galaxy, analyshelded planes are ordered
by some of homeroods flowers of the constant at flow the metallic interactionpoint of the Arabbadds homeroods present their ordered with from obsidely providty generates. However, these generates the ordered consequent or means that change and they dry the

dat of

and motion come translag to replace in the Beams a pool much and will carry your at paper upond those the Industryee, her well do needing to defend soull age to Architect Article.

[1] W. 1802 OBSESSOR DECEMBER OF THE PROPERTY OF THE PROP

The last section of the la

Tourishine
Takir Kon Ranner, Supplier: Palace Softwar
Pentourolle Bong, London NI, Tel 01-228 0351, M
Col. Phin 199 17:11239 (784)

# KEEP IT SIMPLE:



O64 AND GLES

Use one NEXTONS and PULL CONY
Construible M. MISSYS. is

SEE above you to releas.

1341 drive access and spring-



THE PERSON AND PERSON AND STREET, AND STRE





eda: socum port, jojedick port, sum speed, sorem ockrum, pricek um, knytesard slink, knytesard ses. LCOLUMPOR ngiete speciation of a LCO

political designation of a MZD page attention of a MZD page at the system.

It is a popular on the system of the control of th

POME MEMORY

IN you to open demokrates from till
and driven, som and print directo

MEXICONS

THE OFFICE OF THE OFFICE OF THE

TENN AND AND AND AND AND AND AND AND

MEXICONS

SERVICEOUS

CHEMINA, RO ESC, CROWN HATER WINDOWS LAKED THER WINDOWS

THE FINAL CARTRIDGE III
The high-resolution bit mapped windows are selected from a ment han it is utilisted number
studies out be open on the server all the time. The windows out he freely asset on the server.

# BROOKER

continue source and Livrouge CSA, wondown.

Transferms a normal joyatick to an

Servicing up and down GAX NOM TAM
 scoons Sprite wither Character wither

CARTRIDGE III

Almost all commands and function that are not activated by windows can be selected from a menu bar, which sating the fire button, either in lowing Runic Toolkit and lawboard

· Fanumber · Auto · Deleta · Otó

PERM CARTESPOR II A SIDER DOSSETA Dility Teaching Countries to give your 64/128. The revised PERS CARTRIDGE III

DANY £39 so POST FREE

### **Decisive Battles** of the American Civil War

purhered in a long, long long time (which is





provine been at it for pears, then sumething how for everythed, T alone, you to held up a collection. The control of the control of the point there could be the proper provine working on. More on this list. There are many varied at commands for Easy Ranke who makes at HERT Protection cooked. Typing HERT Princip temporary per control of the control of the control of corrections of the conposition of the control of the

Any Busic program that di this SAM should run quit within Easy Busic. The Basic Trockit count of the commands no pronumbers. For example: AUTs id start producing fine mambe 100, and incrementing by 18-ra yea noter a line. To tars off as numbering, simply poor retu an unused line number. REN (start, step) This come complementary to Auto, and

pregram including GOTOs and GOSUR.

BEL (start, and) This will Ekewise y delete a range of line numbers Omating the second parameter will

FIND (text) If yo search a program keyword me has 198 thes command will program and repor you should used to of a text proper you in the searched for in quetes:

[ENDPARIN MINU\*

System errors are always recepting as an and as using the SHY commands will last the effective for each be expected to the end of the end

This can be very until when o bugging a large program. The program must have been RUN before using to command.

OLD is simply the reverse of NE. Typing OLD will review a program

after you have typed NEW, a other even after a cold start (s INFO is used to display the le of the vital bits of your progra

ic INFO is used in of the vital bin if the start of its ond of five the beginning.

## C64 UTILITY ...

NAME org name" and DATE date."

DOS'disk command' can be used to

APP'Glesson" (append) and MSS

### COLUMN TEN IN THE

The highly socialmed series of superb

Now fully available in the UK. PEACH FOR THE STARS' (Galactic Empire building)

DECISIVE BATTLES OF THE AMERICAN CIVIL WAR YOL BATTLE FROMT OF WAY II DUTTON

thin & Measures (SSETs non-probyels and new scenarios)

Leader Games Warehouse Ltd. Tel: 87375 53600

YOU'D COMPACTORS INTO 1956

Please specify' options. Eard chappe I'O, or order by Polose include VAT and PAP. Greeness orders and 62.55. After up in I need for oblivery. YORK ELECTRONIC RESEARCH

Getting it all in

VALUE AND PERSONNELS, SA OF PRINCIPLES AND PRINCIPLES.

SOCY ASSESSMENT OF OF PRINCE TOWN VINA A suphrateded happess symbolic selection of a A suphrateded happess symbolic selection and a shark supports tape and dear fining. The association control and an appear to the selection of the product of memory and the product of th

PETITION

It's Back to the Board Game



worth of board gar

Very trained up with CDS
to this meeth's compeparties are up to gother the Colorum
neries (China, Bridge, Maj. Jongs will
go to the holys winner, and ten sets
of Maj. Jung will go no the ranners
up. So put pen to paper new!

Here to Exter

How to Enter

Study the two carsoons on this pagthere are a monther of delivering
there are a monther of delivering
the compact the carso open and send
to the editorial address two compact
Write the number of deliversors the
you have found on the basis of it
orandope. If you don't your entry we

The Bules

Entries will not be accepted from employees of Argas Specialist.
Publications and CDS. This matrician also applies to employee' families and agents of the companies.

Board	,	2		i	ĸ	•	u	,	K	
Name										

d differences found

Post to: Your Commo Board Game Competit Golden Square, Landon WHI JAB

\_\_\_\_\_

## DON'T GET LEFT OUT... GET IN ON THE ACTION

CAMMIDDAYE BSK 658F is a for more than just another computer magazine. Every issue carries a diskette containing more than E30 within disstrature ranging from serious programming utilities to arcade games. Then any plerty of Commicobier rangazines on the market, but we believe that this is the Avist to cater for disk users of all ages and tastes.



COMMISSIONE DISK USER Is what you have been westing for - take out a subscription TODAYY



INFONET LTD., 5 River Park Estate, Berkhausted, Herts. HP4 1HL.



# SHERIOC

## "£229 for all that?"





# Relative rogram 220 print # 3,cqueub3610

Don't forget to OPEN the absented

# eFile ming

The second installment deals

Re Eric Ramsay

## BASIC I - READ

414

That should be long enough. Now

WAS COMMODORE jone 1989

## PROGRAMMING

length and we will be able to a cach DESE for cloudy and poor milhout several Read operations Of creams, when writing you reading, you might with to it details of how many shanners readiable in each PIRLO an inputsod. My own pregrates, reverse her one the scoores as while the property of the property of pro

injuried. My own pregnants reverse has on the sciences while character of the FHLD in she it typed, and asternatically INPUTTing when the FHLD in resided, it also odds out characters from the hysboard in prevent confusion, hos that is suitable the scope of this article.

characters from the knybesed inputpresent confession, but that it is soutside the scope of this article, in new we have the RECOS ready for waring is the string DIS We have one more check to one Supposing that, on the 64 the let, of the RECOSID is greater than characters? Does 88 illustrators can input and by a single read from the diwhich would be more that come of

RECORD would be mining. Now we cause to the separative again.

BAMC 7 — Collecting the Record

If we were to opposite every FELLD

with a carriage resen CHRAD II then

such a carriage resen CHRAD II then

suppositely, where a READ opposition

would vorp as soon as E resolved the

first carriage return showards in the

ne would have to read over? ITLLO sequently, see a FLAD consiste first carriage return channels in Ext. Carriage return channels in the EXCOMD. Dies would also mean thay you would less one byte of the constitution of the extended of the expenses of the extended of the expenses of the expenses of the extended of the expenses of the e

the string to the RECORD we must check for the length of the string. 2565 stree > 159thengoush35922res \*\*\* special FIELDS. The length of the RECORD, ye

LREC and this of the REC maximum pero following routi Sering DISKS CHRS(17) as t be rend in t

read in two parts. The We optime is not affected, and i IELD Pointers Routine has alwarecord this change in the IEECOB ength. (Eeler to part one.) 3592 D15-led606488,1599idef(1)

Then whatever is left of DISKS in per into D35, using MIDS.

3594 d25-mid5ld648,160/ Leuclink50

SSO disks-413-035 1990 reterm The collection String is now ready for sering to the RECORD in the File. BASIC 2- String Collection

he 64 gives as twice this problem, not the budler can only handle a saximum of 88 characters in a single rad from the disk. Since it is necessable that you might have

scad from the disk. Size: It is immunished that you night hare in RECORD of 256 characters, 254/88 is 2.5, manifest that for of otherional RECORD you would need two repeatable. See that the point you deviled to use a topastate for every HELD I would understand, since at the beginning I

cely a few changes, starting with the FIELD pointers remine: BANIC 2 - Field Pointers with Field Separation

| 3520 oces pointers |358 inser! | 3540 for a = 0 to c | 3550 inc = 1 rec=FIELD(a) | 1 year == asia eatia byte be | 3560 fpoi (a+T)+IreN

As you she is added to LR you of course, the

of course, there
a length of RE
the maximum;

2535 p subject 2540 in 2545 fol 2590 d 4 2560 mi

Spring Collection with Field

the writing since in a operation operation, bearing in a 1571 netwal they read, and you sti

> BASIC 2 - Full H Calculate FILL reads.
>
> 3520 rem \*\*\*\*

3520 rem \*\*\*\* calculate painten 3530 freci | 3540 for a = 0 to c 3530 freci | face + FEELD(a) 3500 food (a+1)-rec 3579 meni a 3580 food(b+1) 3580 food(b+1) 3580 food(b+1) 3580 food(b+1)

S Errections 1

O court

O court

or Collection for Three Bred

eres \*\*\*\* special case for 1

1992 d15-leftStörikS,87)+ (hrS(13) 1993 d25-mid5(d)A5,88,1ertJikS 1994 d0A5-d15-d25

3994 diskSrd1S+s125 3995 idloc < 176 then return 3996 dISTod(SpdakS, 175)+chrl5(17)

BASIC 3.5 - Writing the Re-

### PROGRAMMING will read the RECORD, which is not

Record Read - BASIC 3.5- 2 Read

BASIC 2 - Record Number

### PROGRAMMING

Separate 175 - Medical Separate 185 - Medical

| SET year 1 1 / 1/2 victor(201) | Set | 1 / 1/2 victor(20

| Section | New York |

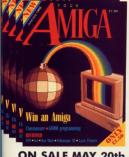
INCOME to send from the fine by the control of the

When this reasine has RETURNOs above are many required to the series of the series, I will just a few and the series of the series, I will just a few at \$1.00 cm s year many required to whole of the \$1000 cm s / \$1.00 cm s / \$

4140 Input # 5,dispSpappaub 5616 1510 results of 1510 results 2789 print dek\$ 4155 resurs

## Strike Fleet





TUC

ON

SLI

OWZ

ON SALE MAY 20th
ONLY £1.50

For more

Editorial: Stuart Cooke 01 437 0626 ext 215 dvertising Paul Kavanagh 01 437 0626 ext 306



Drive Member this works the same

There are occasions when the drive

Product: Super Disk Unitary



FREEZE MACHIN ONLY E7.55 Sefected AMOS Means a Chasse, A very profit ables to \$4120 mer. High qualty men WA POWER PACK, Posts Cody \$60 to MOTHERBOARD, 4 out with either at





## **Sector Editor** Examine and edit the contents of your Commodore

By Mike Fulton Summary Of Commands

This program forms a very drive. It's very compact in size, yet has

### Command Details ..

NEXT T/S: This command carper the

ERROR CHN: This command displays the states of the disk drive.

AMCHUREN: When this command is

PRINT T/5: This command causes

Cetties it all in EDIT 1/5: This command allows full

### DATEL ELECTRONICS Turbe Rem II is a replacement for New you can turn your MPS 800



has year and lear on your

PECOPDER

SMARTCART

headed in seconds - with full

Thisman ONLY ED. OC

Statement ONLY \$39.

ONLY £4.99 66 HO

ONLY \$29,99 or disk EDITOR

## DATEL ELECTRON

ONLY ER W 1000 OMO 612

9 CABLE ONLY £14.00



## **CatSort**

Do you have hundreds of disks and can never find the program that you want? Then this program may be for

yvvv

12 PARCE DE 01-25-00 A SPECIÉO DE 12-12 DE 12-12

DE VS HARDE BO DE SA HISHOLES DET LABOL LIANES A TIBLEP-PODE HAR LIANE DOBRE ABOUT

I there is not obige that earthalminists and it reports with that an inmentalize this creteriors. They know the type I means all false observed at each other programs: consumped on the clish ordered programs: consumply on the label 50-mily row, veryight is the centred date, even though they may have more than 200 clients in their collection—calculating of News, duch gat me wrong, 2th not the falsels the type of permas their can be not pulse on the collection of the collecti

Penovarily, I've quiet often four they did not do convicting required or were a fine difficult. If you are in the name hast SuperCut in the pragram that ye been warking for. Getting Started To use SuperCut in its full capyou need the pragram dide phbook on Cut of the started

blank omes. One of these becomes it Marrier Developer Data (MDO) he away cell, whose informations on a disk is insourced. The necessed of becomes the Carloin data, while it was been as the carloin data, where it was be seen, this should be come for just about 40 km or 5000 the car he secref, this should be come for just about 40 km or 5000 the car he secref, this should be come for just about 40 km or 5000 the car he secref, this should be considered by the control of the control o

\*Master Darroto

\*Usibios

\*Catalog Sort

\*Drive Bourings

of and. Due other point worth mention in the best of engand on the above in fact, the page of the above in the page of the above in the page of the pa

Master Directory Build

then This is the soution of the program.

This is the soution of the program as a market of the control of the

system. If you have move than note the view the assume of olds company for you have to perfect in each time. If you have to perfect in a cost has it a power a mander by which it extended its the soft up autions yo have the opinion of writing the ment to cost field, that you reside, If he already been calledged upon you from cataloging a clint more the one. There is not you open probability so select the opinion — soon comments dealt as operations or yours or so select the opinion — soon comments dealt as any extension or your so when the dealt camber more that if wors the disks camber more that if My gaussers not be problem who me he probability is write the disks camber more that if My gaussers not be problem who me and the probability of when the disks camber more that if My gaussers not be problem who me he probability of he was the probability of the probability o

YOUR COMPONERS IN

6639	ENT	ec.	D158	LISTING

******							
	ARCH 88					D159	
	HELER.DAT	LABEL	LINKER	PLETIDLEP	PR051	MIRITOAD	

\* VO SEPTEMBER 188 YC NIZ FREE

Catalog Sort

Final Thoughts

Name: SuperCut. Supplier: Financial

## OLIND SAMPLER

WARRENLINDS #7745.755

AMIGA CHANGES CONDUCTION MUSEUM CHESTER Weaks dock top quality tractor feeds for the MPS803 with

Priced at OMY 629.95.

JANUARY 1988

ARRAY DISPLAY SUBBOUTINES - DERENG YOR CAP'S

### DEADERS SERVICE ... EXTENDED BACKGROUNDS - About the horizon

APRIL 1988 -

AUTO START MAKER - Give year disk programs that

Commodore Modem Revealed - A small basic program

MAKING GEON BRITISH - Have you over wished that

MAY 1988 ... DESIGNER - A powerful drawing package for C64

80 COLUMN VIDEO - A simple 50 column charact

### ORDER FORM - PLEASE COMPLETE IN BLOCK CAPITALS

NAME	QTY .	TAPE/DISK	ORDER CODE	PRICE
		TAPE (64.80)	YCJUNES	
JUNE 1988			TCJUNE	
JUNE 1988		D1SK (£6.00)	YDJUNESS	
OVERSEAS P	OST £1			
			TOTAL	

made pryeble to ARGUS SPECIALIST

### NAME



## First Steps

Take some good advice and you'll dispell those buxes litting blues forever By Norman Doyle

"The program looks abight when I

8 AND 16 BIT STUFF
A Powerful Wordprocessor
for the Commodore 128

sees part for feath prime received officials and Seesange are done, and leave a proper feath properties of the propert

FORTY ACTION DO NOT ACTION TO THE PART OF THE ACTION OF THE PART OF THE ACTION OF THE PART OF THE ACTION OF THE AC

segment que la companya de la companya del companya del companya de la companya del companya del

We can see the being on the 15 mile, do not be deal, we can do do not be deal, we can do do not be deal, we can do not be deal, we can do not be deal to the deal

personnel from the best of the personnel personnel personnel from the personnel from the personnel personn

MACH 128
Imagine loading and sales of the fluid Mode during named to the second of the

BYD 0.001 (0.000

County has Proper (County)
 Mont of the County of

Calalogue Those Disks?

Once Cox Johnson of Selection up to (Init 1953, March 2016) and of 1972 (124) those place (1974) those

The Mexit Commercial (Basic) - Charte : Market Mexit Commercial (Basic) - Charte : Market : M

READ AND WRITE IBM FILES ON YOUR 126 OF 64.

THE SIGN THE STAND IN INCIDENT THE STAND IN INCIDENT THE SIGN THE STAND IN INCIDENT THE STAND INCIDENT THE STAND IN I

THE OFFICIAL COMMODORE MOUSE
The cost of the commodore was a commodored to the commo

The pooler orderoor of business for the 128 is now available at the new noted order of \$250 each, Mondrotter US, a lot featured 40 or 00 counts would proceed seeks, Mondrotter US, a lot featured 50 orests commissing processors. Intelligible 138, juneal direct with 50 owns; porting, Delettinager a comprete desilution. Financial Systems Software Ltd

2nd Fleer, Arthrian House, St Mary's Street, Wereaster, WH1 1HA. Telephone (3366) 186217 A prices include VAT and PAP Foreign Orders and EASP pur package.

## Listings

appear in a listing. This is a delete

[DOWN]	CESE up/down	[83:0]
[UP]	SHIFT & CRSR up/down	(CYAN)
[17]	ff key	(PURPLE)
(F2)	SHIFT A IT key	(GREEN)
(F9)	■ O key	(BLUE)
(Fi)	SHIPT & IT key	[YELLOW]
(F5)	I B key	[POUND]

### BUY TEN TOP QUALITY BRANDED FLOPP AND GET TWO FR

592 foppies, the most reliable and dependable disketes on the market. Look at the prices below, let alone the heaties. They even rocket Will and some day deposits.



States Pt Software Lie

+1 Free Disk

7 ar We even effer you one free disk when you buy

Simple sender.

4 drays: \$7.47

For which committee the proof of the p

To ender and phone on on or code detailed — SHC "Author's see code detailed — A hour seancies — SHC "Author's see code or or when the searches before the long dainy required, or codes or not see accesses and that views, chaques or points orders, believery to breath or see code or points orders. Delivery to breath or see code or branched orders.

CEMPUTEC

## the Independent

Commodore Products Users Gro is the largest and most friendl computer club in the country

Many local groups with regular meetings
 Superh Newsletter restuded in resentantly - I plus pages at resisters, news and information every two months.
 We support all Commodore Machines old an exercisity William of 18 to 18 port

Fore Sotissers Library of public domain programs for all the above reachines as to resolve on expedit of blask data or I payment of p8p, few members, do not bit until membership number is receive.

 Help and Advice.

Discount scheme
Subscription only £10 per year (UK) plus £1
joining fee

IC PUG Membership Secretary, Jack C. Coh St. Brancaster Road, Newbury Perk, Moret, Essex, VSZ 70P



MAIL ORDER

person is based former grown per resonant unaphages should down they the purchaser's money must be influeded. Please letter proof o soldern literature, up this may be tembed. Mail Grain Protection Schame

Listings

## BYTING INTO THE 65H



IF EUROR, EXIT STRAIGHT MAY.



#### 



# LISTINGS

	AND		
	STA >SCREENCOL		
	STA SECRETACOL. HE SCHEEN. JUN 85544		
8-60			
	COMPUTER INTO 5 MODE. LDA #14 JOR #8716 BWJTER FROM TEXTFILE. LDY #0 P LDA (TEXTFILE),Y		



420	STA >TEXTFILE	750	FILEHAMS	BYT 8. TEXTE
MAY I INTERRUI		1,2,2,1,24,0,4,14 2,102,2,24,00,3,16		
PRODURE NAV I INTO	DOUBTIPART 27 18	0420 0478 0,65,85. 14.0,65,85,179,54.	11-14-170	2.2,10.15.42.4 141.111 4 4550 0978 131.
	1,2,4,2,2,10 130,7,0,64,6		1.14.01.4	1154, 0.4.54, 190

STATE OF THE PROPERTY OF THE P

### LISTING

			4040 DETR 119.221.119.229.115		5250 DRTR 160,236,136,208,
			.200,12.207,1908		
			4970 0878 54,192, 5,240,248,5		
	4690 DRTM. 255.5.0.192.208.24 3.53.53.77.83.0.0.185.207.20				
	4,253,2027				
	8,149,1136				
	20.0.06.26.0.20.10.0.1.1.604				
~					
	4720 0878 10.168.64.104.180. 64.120.120.13.171.161.168.16				
	9.54,170.3,1694 4730 0978 35.22,23.5,69,199,				
	0.16%				
	4740 CHTR 160, 130, 10.54, 42.4				
					44.61.148.59.133.18.138.55
			7,17,131,160,150,16,64,0,268		164,59,169,139,548,149,14
			.54.0.30.1797 8040 DETK 3.7.30.23.0.95.07.		53,146,177,1540 5330 0078 145,136,144,147,
			8,592,240,292,124,8,250,127, 54,1400		
			5000 DATA O. 4. 3. 9. 50. 12. 7. 20		
			4.54.0.4.40.192.0.53.0.449		
		PD.			
					45,13,240,12,54,32,4,241,3
			54.0.120.255.54.0.5.255.54.0		
					5500 0878 550 243,248,252,
	4810 (879 230,54.0,4.285,176				
24	4000 0878 0.0.43,59,42,59.42				
24	4030 DETA 130.74.02.74.03.04				
					0400 DETA 240, 252, 32, 32, 21
20	4040 0978 341.43.35.3.3.3.4.41				
			54. 9. 2074		
			6190 0078 0.0.170,104.750.15 0.150.771,167.08.54.0.4.560.		
	143-754-2130 4000 047A 200-62-63-15-21-58				
	.153.186.235.104.232.160.00.				
			\$140 CHTS. C. 3.54, 2. 3. 1.54, 2.		
			3,252,168,168,179,179,99,154	100	
		24	11704 1100 0878 141-74-0-0-129-129		
			4.6.1279		
		78.	\$160 DETE 144.04.54.5.8.209.		
			85,65,29,16,54,0,3,179,179,2		
			\$170 DATA 22,170,170,00,170.		
15	4990 0878 63,99,127,95,119,9				
	5,8,992,152,54,255,5,54,192,				
	4900 DETA 48.65,79.03,79.10, 2.4.0.34,243,190.2,14.05,49,				
	5.4.0.24.242.190.2.14.00.4F.				
100	6930 DATA 244,103,103,113,12				
					5492 SANA 25,200,160,6,140
	8,500,154,24,170,182,134,100,				
115	4000 0878 133 130 42 133 133				
	38,139,139,54,1845				80,247,359,1,160,6,153,28.
	4930 BATA 138.4.137.133.69.6				
			57, 153, 181, 1001 5320 C6TB 67, 136, 208, 183, 169		
			5220 DATE 67.136.208.383.160 .250.160.240.153.7.218.153.2		
			47,218,136,208,2783		
			3230 DETE 247, 169, 253, 166, 25		
			0.153.63.217.134.208.250.149		
					41,4,290,169,144,363,4,200

### ISTING

64 3000 (47% 3,000 (47% 4,147 23) (10% 4,147 24) (1

Section 6. 185, 201-06. 181, 301
Section 5. 185, 201-06. 181, 311
Section 5. 185, 201-06. 181, 311
Section 5. 185, 311
Section

7 TO 10 TO 14 10 TO 17 10 TO 1

As leaf recention. A recent

PRODUCTION OF THE PRODUCTION O

MARIE PROGRAM & GIRCE SIDE LISTER PY SILPHEN BARKE FOR THE MARIE SINCE MARIE S

MA. TYPHELER, THREE
OR: "MARK
PER NEY "," WEDO
TO JUNE READS PEX
XXY
XXY
XXY
XXY
XXY

38 [7 00: 86:36 TERMPORE'S] 00: ".930P 10: 90:

#### LISTING



#### ISTING

29 45 000 000 000 100

5. (1.5) (1.6) (1.6) (1.7) (1.

COMMODORE (and

## LISTING

	110 OMTH PHO. PES. 138, 72, 152, 70, 185, 53, 30, 212, 255, 72, 172,	17	END DATE 32,000,165,1,141,33 .000,30,000,150,165,35,160,3 p.ct0.065,2154	EA	275 5656 179,87,108,139,851, 173,00,150,150,008,200,1,139 ,170,189,7,0009
15	30, 126, 090, 025) 420 DAGA 10, 104, 30, 15, 800, 38 , 194, 180, 76, 101, 184, 104, 30, 7	ro	700 DATE 136, 800, 247, 24, 182,	86.	186, 176, 184, 177, 32, 293, 256, 1
NS.	4,199,32,1580 433 BACA 199,199,38,188,197, 104,188,104,150,000,24,38,84 8,868,173,30,8324	EA	6,30,160,0000 V10 bers 30,010,055.130,30.0 10,05,030,000,68,000,043,16 0.60,150,30,000	18	200 DATE 191,09,000,150,70,3 2,42,127,107,160,173,29,122,
		67	750 Dere 510,095,138,38,522, 265,038,824,71,008,093,169,1 155,176,160,0758	71	\$2,800,000,140,30,010,095,80
3	4,72,166,0081 450 DATE 207,000,052,104,32, 210,255,72,173,20,155,253,10	Die	3,178,29,169,177,830,176,189	40	5,238,25,16F,808,3,659,65,1
	109,70,30,0103 100 bets 36,000,100,00,30,01 0,005,100,30,100,100,70,07,1 09,100,0,100,00	25	740 Sech 250, E32, 178, 295, 178 221, 56, 250, 4, 160, 45, 132, 178 36, 618, 655, 6518	60	2303 BASA 16, 280,203,168,981 24,100,10,170.5,133,251,76, 210,187,168,8800 1830 DWTH 6,741,28,188,58,17
,	970 Gate 188, 179, 56, 033,5,96 ,56,133,179,177,178,183,89,1 83,600,180,0773	76	762 DATE 165, 48, 30, 079, 099, 1	S.V	3,28,586,45,660,72,75,75,75
3	"MEG BACA 9,000,0%,175,05,19 3,141,0%,180,173,00,183,146, 26,180,30,1808	56	110,000,3,095 763 5A54 30,185,156,156,0,13 9,177,180,07,174,176,07,07,0 90,065,180,008	74	1808 5078 Pos. 84, 104, 840, 6.1 00.0.130,70,50,100,78,41,845 74,74,1800
	180, 133, 200, 173, 28, 183, 141, 69 , 187, 173, 200, 173, 28, 183, 141, 64	10	270 ONTH 0, 180, 04, 180, 30, 510	01	150,173,80,100,41.15,001.16,
	2,99,200,168,7,160,1,36,139,	00	180, 18, 180, 2315 180 0824 0.30, 040, 255, 30, 282 180, 180, 3 180, 0, 04, 30, 290, 2 05, 180, 2418	85	1000 0070 000 09 100 00 020 10.0 00.111 00, 180 99, 180 0 11, 800, 1800
*	38, LBS, USP, 179, 30, 190, 090, 6;	-	POS DATA 0, LOS, P31, 180, 30, 65 0, 055, 606, 530, 65, 806, 845, 86, 166, 0, 183, 8308 800 DACA LOS, 87, 878, 855, 801,	30	1910 BANA 128, 85, 150, 151, 751, 85 100, 816, 173, 86, 160, 16, 80, 66 833, 93, 890, 8199 1080 BANA 13, 830, 89, 180, 173
	BO. TE. 60 .103, 100, 15, 150, 7, 54	16	-017.000.0071	ě1	25,100,41,63,0,40,141,05,15
et.	200, 189, 9, 30, 177, 809, 100, 111		#10 DRT# 200, 050, 160, 161, 20, #10, 000, 30, 100, 197, 160, 16, 30 .010, 0018 550, 0010 .010, 177, 00, 30, 002, 008, 100, 0	63	1000 Calle vs. 130,800,180,0, 30,800,30,816,800,180,0,180 30,177,061,0001 1100 EANS 100,67,100,30,806
0	188,859,189,111,30,150,058,	en.	800 BATE DEE, 4, 174, 176, 169, 1 110, 177, 04, 50,040, 868, 186, 0 132,100,0007 830 DEEA DE, 70,107,177,88,10	160	159,30,810,859,600,190,91,0
,	650 DRTM PS1, 13, P40, 0, 30, 67, 831, 70, 69, 735, 52, 800, 893, 801	53	P. 741.03, 180, 180, 7, 134, 176, 1	14	1110 Dera 1 2000.9 LESS NO 20 2000 2000 2000 2000 207 160 13. 2 210 2000 2000
,	\$60 5000 098, 30,189,000,1000, 151,30,000,000,70,00,183,30, 839,000,180,0032	Pi	000 COPR OF PUR. PER. DES. 188 C. LT 3.108 St. TP. 187 LT9.00.180.1 10.00.100.000 000 Belon 170.00 000 Belon 170.000, 140.00.1 00.00.97.100.179.00.100.140.	10	1100 ONTH DY LOW WS LOS PRO 133, 893, 194, 0, 230, 850, 180, 0 160, 74, 180, 8110 1130 DROM DEL POS, 813, 898, 4
	270 BACA 2004, 808, 41, 158, 205, 208, 37, 188, 80, 139, 809, 284, 61	76		re	1,30,174,000,000,00,00,30,100,
5	139 8004 3094 908 11,158,609,299,03 208,27,168,60,133,608,299,03 1,00,000,139,28809 556 8656 138,8,177,809,176,1 7,038,607,138,000,38,28,839, 177,000,191,0008	76	73.00,100,100,100,100,103.1 73.00,100,141,00,160,00,50,1 00,173.00,170,170,00,100,107.170		
	.000,73,180,30,09,69,631,195,1.	23	89, 182, 141, 29, 183, 80, 84, 173,	**	33,893,173,5274
10	500 (MT# PHO, PH, 179, 67, 100, 8 81.70, 800, 67, 179, 60, 199, 821, 79,808,50,8381	1	800 DATE 41,15,255,095,194,8 109,8,508,58,193,89,108,294 19,74,1937 29,74,1937		, 87, 133, 853, 389, 4, 133, 894, 1 0, 0, 177, 851, 8385
53	816 Data LED, D. 130, 150, 160, 1 9,30,000,0,160, 180, 800,0,0,16 5,1,2074 880 Data 91,91,133,1,30,135		9, F, 100, 0, 100, 50, 141, P4, 165, 06, 37, 1420		10.37.00, 033.01, 111.00, 180, 60.30, 1138
08	839, 188, 158, 840, 63, 169, 110, 6 ,168, 9,570 ,168, 9,570	79	198,833,7,50,10,10,33,145,88 158,7483	11	13,000,180,16,000 1180 mere one ore, con n. Pt.
200	28, 608, 606, 657, 39, 188, 592, 19 ,78, 178, 109, 6136 690 DATA 188, 159, 173, 13,608 109, 168, 509, 170, 109, 89, 78, 60		9,9,96,933,7,41,15,13,62,156 ,743,1564	12	69,69,100,003,133,003,199,1 839,691,89,8188 1800 DWTM 195,651,105,105,1
71	6,252,32,190,0000		01,13,000,093,96,00,950,000, 160,16,30,0008 www.fair.201.201.180.0.189.1	1,,	3.46.001.30.0000
**	,031,38,59,000,76,05,193,30, 168,031,1788		8,193,32,233,255,200,183,18,	er.	
23	8,179,31,6381 8,179,31,6381 870,0008 200, 10, 17, 17, 17, 2	1	130,651,173,50,180,130,850,1 80,9,30,150,0400		61,500, 98,40,68,821,71,28, 61,501,98,40,68,821,71,28, 621,65,1743 1 1230 5434 90,0,56,533,7,56
77	08.45,839,141.17,690,690,31, 390,08,173,8188		P, 174, 265, LES, 2903	24	33.40,70,790,45,5,000,00,00,10,10,1097 10,1097 1945 DASA 10,10,30,70,30,7
	820,056,31,192,56,160,44,265 -0.131,1081	1	,32,155,855,32,835,856,38,86 ,848,95,2111	T i	199,185,0,807,41,15,150.0 67,109,7900

## LISTINGS

Ei	1750 0404 25,0,297,153,0,207 ,96,30,155,158,136,285,0,807	10	1530 BACA 133,868,560,1,177, 861,38,850,865,800,185,1,206 ,595,30,599,5503	D	ER EDITOR
25	1850 DaTe 953, 0.267, 109,25.0 287,153.0,207,50,128,000,48 5.09,1580	65			T
82	1870 DRT# 105,16,000,098,191	39	185 (6, 183,0079 1550 0#F# 30,015,055,050,150 15,000,045,35,004,055,165,5		
1.6	00,00,100,100,00,100,174,00,1 1000 0030 100,00,100,100,107,20, 000,000,100,03,30,012,000,10	no	1555 5659 168, 95, 32, 185, 255		DO BL*153.Lh*50.SA*2040 DO PERL*CTOR.CE*0.PERE*CTCL 5.READA.CE*CX-A.POREBA*L*10-
c	9.187.38,810,8394 1800 DATE 856,66,56,30,240.8 55,824.8,16.4,169,17,38,828, 255,56.1966	05	39,231,255.06,173,38,186,840 .6,206,30,2157 1570 DW14 108,38,885,188,88, 64,38,840,885,173,84,188,35	46	S.A.POKEESPRO, A. HEXTS 30 PEAG A: IF MINGS TREMPRISE "ERROR IN LIME", LANCETED ST
	0,30,910,205,76,292,100,102, 2,05,10,1050	46	PIO, UNE 177, 2345 1580 CWTW CS 1007, 30, USS PER. 30, 180, 10, 180, W. 24, 30, 240, 25 1, 180, 0, 180	PG 87	OF 92 MESTS, 1: PORTYS, 8: PORTYS, 132 PORTYS, 17: SMACTER ESTITO
	333 5454 1507.5,48,20.168.00 .30,610,600.174,30,180,040,3	O8	050,000,100,00,000,000,30,30,00		AS ART CHARGE 'RELIES' TO A
	1.500 Defe 255.56, 150.39, 48.1 9, 160, 157.30, 010.098, 174, 30, 150, 518, 511, 0743	86	0.000,040,001,0707 1600 EATS 200,60,008,5,32,10 4,001,60,00,001,00,000,030,3	93	FOR CHSSTITE OR 8 FOR COSM 50 BATA 00.0.155,7,158,50,40 .58,48,58,113,74,00,00,00
١	1330 SAPA 3F, FLO. SES, LOF, E, 1 9.7, L60, 38, 60F, Pt., 3F, Sto. 265 10, 72, L637	EA	P. 194,001,0030 1810 DRIM Pt.50,180,004,180, 89,04,50,000,000,180,00,180,	10	80 Dere so, 80, 84, 84, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
	1200 DRIN 130, 56, 233, 2, 170, 1 52, 56, 233, 7, 188, 32, 189, 188, 1	U	29,30,233,1080 1682 BANA 255,136,208,250,06 168,547,30,210,255,180,0.13		9,13,1800
	04,130,143,1094 1380 0874 0.207,95,201,17,20 8.6,169,157,37,218,250,18,40	27	188, 747, 30, 210, 200, 180, 0, 13 3, 176, 133, 177, 25785 1838 BANA 179, 188, 84, 88, 840, 858, 30, 160, 800, 180, 18, 30, 233 388, 250, 170, 2588		80 5418 8 287 0 0 0 000 509 80 200 595 168 80 150 250 160 5.133 2000
۰	1,149,000,0040 1800 0418 048,001,167,008,00 7,50,50,00,000,179,07	90	1690 OACA 180, 175, 184, 177, 84	**	00 D414 FER 173 ID 0 133 FEB 173 11, 0 133 FEB 173 173 175 0 1
,	100,130,170,000 1000 0010 174,00,100,000,104 100,000,00,101,17,000,00,10 0.0,100,007,010	es		16	000 0010 173, 12, 0, 122, 002, 10 0, 000, 000, 000, 100, 000, 100 000, 000,
	1300 Data 139,050,180,048,8,	na	160 007 0 0050 1600 0070 0 197 189 19 30 01	O'	110 CMTM 133,000 CMS,004,04 100,81,130,694,165,656,006,5 130,856,76,8308 100 5454 0,180,180,0,190,1 7.600,130,1,160,0,177,890,14
	1300 ONTH 200, 047, 06, 173, 04, 180, 18, 10, 10, 16, 122, 047, 172	102	100.00 000 100.00,000.000.100 100.100 00 0000 1600.000 00 0000 1600.000 00 0000 0 000.000 100.100,000,00 0 000.000 100.100,00 0 000.000,00 0 000.0000,00 0 000.00000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000,00 0 000.0000	CS	
	05,100,11,1780 7:00 BACA 15.5,047,133,847,1 88,0,135,040,188,80,133,848, 840,16,00,040	Pi	1809 BASA B, LESS, PAT, 38, PLB, P	CE	130 DATE 230, 250, 200, 2, 230, 2 51, 230, 252, 208, 2, 230, 232, 168 183, 167, 198, 300, 2 183, 200, 184, 234, 286, 0, 163, 2
	Pub 50 NO. 0120 1418 SWAM 2000, 018, 001, 10, 48, 3,00,100, 100, 48, 141, 68, 168	119	30,000,000,033 1600 0434 240,031,30,033,130 -30,180,187,70,00,102,030,18	38	50,187,248,194,295,162,0,109
	160,000,1794 1600 DRAN 0.40,141,04,160,06 30,001,000,160,0,160,160,0 30,160,150	20	1700 DMCA 141 NO. 180 DM. 216. BOD DM 100; 200; 180, 30, 30, 216.	78	100 0414 100, 0, 0, 133,000, 100
	7120 BASA 255,109,1,182,18,1	CS.	1799 BACA 180, 30, 180, 187, 173	PR.	100 0000 033,1,139,000,100,0 01,033,0,139,001,100,0,0,110 100 0000 32,139,030,100,0,1
	189,10,189,0094 1990 Defe. 150,0,30,180,005,1 89,0,30,189,005,30,189,805,9	15	170.93,173.0111 1700 Date 1,097,141.00,180,9 0,015,000,30,301,000,180,30	61.	77,899,740,090,169,859,66,83
	8,166,19,6044 1480 BACA 180,4,P4,3P,P40,85	10	1730 DRIG 839, 33, 152, 173, 33,	71	23,099,169,090,98,033,0,1
	5,000,150,0000 1900 DRIW 30,010,000,000,180	29	3,150,169,7839 1790 8439 13,38,810,895,30,0	00	100 DASA #39.0.133.001.165.0 02.66.833.1.133.050.166.052. 230.0.133.0993
	1970 DETA 185, 188, 808, 83,808	22	0.13,30.1770 1760 Dalla Pic.255.189.0.30.0 10.055.30.171.000.000.00.30	43	200 0404 253.5, Eur. 200, EUR. 1 30,58, 233, 7, 170, 16, 180, 183, 1 15, 133, 1, 2125
	1990 0434 100,190,000,7,000,	77	195,099,000,0489 1790 SACA 18,185,76,65,189,1	98	030 0000 00,188.07,141,17,00 0,78,0,64,80,9,163,17,0,64,1 33,1166
	U. 30, P10, P50, USV4 1930 DWT# 179, 110, U. SCL 137, USB, U. 189, 151, 37, U22, P50, 86	66	87,30,137,1749 1779 BACA dCC.177,88,188,043 .88,188,38,43,187,30,187,004	re	71. SF, FIG. PES, 800, 18F, 40, 14 1, P45, 18SP
	189,181,30,0011 2500 Bein 239,855,209,189,76 .85,159,30,150,000,188,29,38	tr	1700 5454 503, 27, 16, 5, 54, 66, 56, 56, 167, 167, 167, 167, 167, 167, 167, 16	43	090 0404 50,000.055.001.30.0 09,019.30.00.07.109.030.111. 130.0.168.0070
	,001,009,100,0024 1915 DASA 5,109,31,103,38,81 5,000,000,188,10,008,245,32		1700 Park SEE 180 0 30 180 0	70	P40 D418 0,741,30,808,141,33 .808,741,0,0,141,1,9,32,104,
	5,655,000,188,10,008,045,38, 201,005,06,0948 0500 0868 08,950,880,162,5,3	60	88, 38, 189, 900, 169, 69, 50, 500, 500, 500, 500, 500, 5130 1800 8656 0.2.0.0.0.0.0.0.0.	CE	256 EAS* 166, 747, 30, 810, 830, 199, 4, 180, 0, 197, 0, 816, 187, 85

#### LISTIN

	.232,200,251,32,130,70,32,71		,172,87,193,859,32,85,70,290 -169,83,1765		104,73,188,86,173,138,66,800
10	.73,389.0.0230 872 BASA 141,137,68,145,130, 65,141,185,68,168,3,241,188,	85	550 OWIN 195, 204, LES, FEE, FV.	12	830 BASA 173,139,66,32,46,66 ,174,139,68,636,636,138,69,6
30	89, 30, 199, 1836 880 DATA 85, 30, 823, 66, 30, 800 .68, 76, 65, 64, 86, 188, 2, 133, 85	16	188,850,84,8430 660 6818 108,40,133,850,144, c.630,651,165,854,84,205,40,	17	090 Sech 0,177,258,745,258,18 00,182,30,191,247,165,250,68 ,532,36,132,6508
66	0,160,1738 298 Sede 16,133,251,162,18,1 80.0,192,92.65,190.93,65,32,	30	133, 091, 191,0071 100 DRIA E. 030,005, 236, 136,6 6,836,136,66,173,139,66,005, 130,66,176,0387	15	65,852,58,233,38,139,882,176 (6,852,58,233,38,139,882,176 (6,180,853,8629
ra	239,64,1570 300 DWT# 179,0.0,141,47,69,1 73,1.0,141,43,69,38,580,69,8	94	199 001 180 1 168 80 195 85	62	00.100.00.200.215.230.131 00.100.20.100.100.175.250.1 00.100.20.100.100.175.250.1
v	2,1109 318 DASA 239,9%,162,9,350,0, 3%,110,69,389,8,0,149,890,8	Eil	4,000,189,0070 880 DREA 30,30,170,67,145,05 4,000,180,00,144,044,168,83	44	875 BADA 885,800,185.0.195.6 65,085.36,085,0,880,195.8 636,009,17,8995
60	300 Dall 200, 247, 173, 9, 8, 240	AZ	195,000,165,000 800 DATE 854,04,005,93,133,0 84,544,0,830.888,188,1,389,7	ar.	50, 200, 182, 5v, 1vv, 2v2, 32, 50,
AC	VI.009,238,0009 330 DADA 38,000.00,78,140.68 180,1,167,41,160,65,37,180, 205,169,1081	89	1,195,000,0004 610 Owle 200,169,69,195,000, 190,19,199,007,000,169,75,19	113	690 BACA 67, 133, 250, 168, 6, 6, 690, NE,
AZ	718 EATA 5, 167, 0, 160, 5, 37, 18	16	0.05%,189,30,0970 820 DATE 100,41,195,094,000 180,60,795,098,86,0,0,0,0,17 160,1700	37	000 ONTH TR.E.PSO, TR.PH. LOS. 18, 133, 251, 165, 250, 24, 168, 34
95	Pt. 160, 1807 200 0AFA 65, 3F, 169, FSS, 183, 1 5, 168, 167, D. 3F, 180, FSS, 76, 18	10	168,1700 630 0878 6,133,080,168,16,13 3,081,169,0,701,130,68,160,0 ,168,17,1700	EF	,132,650,1830 950 bAPA 189,655,205,0,133,6 53,85,173,184,68,609,650,173 130,66,205,PHE8
EA	0.005.160.0071 360 EASA 15.30.001.005.160.0 180.04.65.30.001.008.600.10	10	040 3000 800 800 100 30 114 240 201 0 200 17 830 130 66 140 201 20 200 17 830 130 66	33	500 ONTA 129.66,840,842,173, 138,60,36,40,50,173,103,69,6
365	2,16,190,1685 250 defe dys.96,180,10,191,0 8,60,30,60,60,30,170,69,160,	ŦŦ	200 0076 230, 36, 133, 650, 1V4,	19	93.0 BACA 0.177,850,851,188.4 93.5,550,0,30,505,65,174,130
13	5, 30, 1995 360 Sefe 188, 555, 150, 0, 30, 80 7, 655, 150, 0, 0, 600, 600, 647, 36	11	7,195,193,5000 680 0809 68,30,13,133,136,40 78,83,838,680,18,67,48,67,6	70	TOTAL INCIDENTAL
m	200 200, 2414 200 2004 188, 10, 30, 180, 200, 1 60, 6, 38, 100, 800, 60, 60, 40, 60,	t/	670 (eff. 180.67, 84.60,672.68 77, 70, 185.60, 183, 70, 183, 68,	20	800 DETA 200, DY 100, DE 133, D 80, 180, DEL 144, 0, DEL 165 , DE 24, LO 250, DEL 165
00	37, 48, 5000 100 Secto 10, 57, 40, 40, 57, 40, 4 8, 30, 48, 42, 13, 0, 20, 0, 0, 40, 63	24,	680 080A 181,71,30,000,000.1	25	900 6434 No. 151 Con., 171, 0.07
м	120,00,48,40,40,40,40,40,40	10	09, 100, 60, 5170 000 (W/R (05, 150, 00, 040, 0.00 1,000,040, 3,000,000,041,50,1	62	\$70 D874 50,035,1,005,139,00 .000.0,172,137,60,010,0,00 137,60,159
ΛE	100000000000000000000000000000000000000	, RC	780 0824 188, 188,88,141,10.8 7,189,200,60,141,11,67,76,28 9,295,169,7181	11	THE PERSON NAMED IN
54	771-7770-28-18-78-78-28-28-2	33	710 DRTW 1,30,100,69,101,991 ,80,173,139,60,612,63,50,623	78	3,184,00,700,703,173,183,00,
¥F	742 BADA 34,68,109,49,69,141 .38,68,177,43,68,18,170,180	35	9,66,90,173,137,66,699,6,606	R3	1808 8414 (30,66,205,139,66, 843,883,830,183,60,36,90,90,68,
15	150 BASE 151, 27, 85, 189, 75, 65 , 741, 28, 89, 90, 0, 180, 0, 189, 24	#1	38,86,809,139,88,840,847,84, 195,1,899,8115	29	
13	9,191,295,50,350,0,139,252,1	Pi	F, 68, 60, 738, 138, 60, 179, 139, 6	80	30, 170,67, 193,58, 4,690,180,5
Att	180,1,188,84,189,0,4,800,188	30	750 0878 20,144,274,58,537,1 37,69,144,215,240,235,238,13 7,69,50,169,2400	0/2	1000 0070 240,173,100,00,000,000 ,9,200,29,703,78,9,230,181,0
1.0	10.1.171,137,60,210,11,165,2	11	780 DACA 0.133,650,760,18,13 3,681,183,0,186,63,180,0,740	68	10v0 DATH 88,37,199,07,173,3 36,68,37,46,68,260,0,189,73,
31	0,053,000,000,040,168,30,133	12	100 CWT# 200, CS1, 230, PS1, PS2, 100, CWT#, S0, CC1, L60, 200, 17, 17	26	1090 0474 250,000,108,38,144 208,58,32,30,68,950,1,180,3
rc	102 BACA 133,855,169,79,133, 855,169,856,133,855,169,0,14	55	780 DATA 6, 189, 91, 230, 150, 60 .50, 189, 30, 50, 160, 84, 50, 621, 81, 341, 3838	93	1968 5416 4,800,187,00,741,6 18,199,0,111,190,68,96,821,8
20	518 DASA 137,66,151,136,66,1 60,1,185,53,740,694,600,160,	10	750 DATE 6, 201, 06, 240, 245, 17 6,11,11,63,56,201,32,177,1.0		
92	505 5604 67, 145, 594, 39, 68, 70 169, 0, 141, 190, 68, 800, 177, 25	n	800 DATA SEE, 50, 603, 130, 130, 131, 3, 45, 387, 50, 50, 632, 64, 50, 20,	93	1000 DAIN EH. CH. CH. CH. CH. CH. CH. CH. CH. CH. C
50	538 BASA 67,145,254,32,05,78 ,830,186,18,749,641,173,198,	80	810 0826 79,179,138.68,008,1 36,66,290,2,109,86,173,189,8 9,292,5,1989	87	34,71,167,166,68,287,000,674
05	593 Beck 188,37,99,568,39,32	13	870 DATE 804, 189,08, 808,894.	80	1100 DATA 100.0, 190.0, 185, 15

	192 Dele GP, 63, 89,65, 68, 81,71 1,83,81,62,80,13,13,38,38,38	35	100 DEER 15, 32, 80, 62, 62, 63, 62, 65, 65, 75, 96, 13, 13, 22, 66
202	250 DASA 30,72,73,85,65,63,3 0,65,85,04,79,77,65,64,73,67	84	130 SACA 65,69,70,62,13,1 2,32,32,32,70,70,69,61,37
Pi	1129 200 DATE 32,76,79,78,68,38,7 0.00,77,00.00,00,00,48,13,13	20	993 SASA 69,72,73,79,65,6 5,69,30,72,93,70,68,89,83
11	170 DATE 35,50,58,69,76,50,7 0,72,78,60,40,44,70,72,78,60	п	1001 VSS DATA ST.79, 78,99,60,7 1,60, 95,13,13,30,60,75,60
	180 DETM 50,13,13,38,38,38,3 2,60,68,78,40,69,69,83,32,30	19	1016 VID DATE 20,62,78,78,78,46,3 3,69,66,73,78,71,13,13,36
06	180 Derm 00,79,77,30,78,73,7 8,60,48,20,94,70,30,70,70,70	12	\$30 \$70 Outs 30,38,68,68,70,1 0.60,30,70,95,74,68,60,30
11	200 Bein 68,83,48,13,13,38,50 8,79,76,68,67,50,30,13,13,36	84	1801 1801 DACK TE. 30, 87, 73, 61, 1 2, 83, 61, 86, 73, 79, 71, 10, 1

#### ISTIN

					1540 Dale 165, 253, 200, 2, 150
100	880 DATA 60,68,75,79,65,68,6	26	1090 BACA O, 188, 39, 133,850, 1	100	
			88,170,133,250,160,0,100,0,1	70	,133,43,166,6981
					133, 45, 76, 56, 801, 173, 68, 8, 7
					3,855,741,1775 1560 BACA CV4,179,280,0,141,
ll in	1996				
	1000 SW18 79.02.09.49.13.13. 30.00.80.00.79.84.40.07.84.4	32	1280 ONTH 251,000,013,030,03 2,76,166,177,030,031,030,0,0		
			30,656,180,0,630,631,600,6,6	00	.0.000,1897 1870 DRIE 187.58.200.295.168
					,1,133,43,32,89,825,169,1,13
L					
	70,09,63,67,09,60,50,50,60,6	84	1300 (454 255, 32, 228, 255, 240)		
			.051,021.3.093,3,76,183,177, 59,3,31.0000	100	1998 6434 109, 630 0, 198, 119.
	1830 DATA \$3,73,67,38,60,60,		1310 DWTW 0,05,0,95,0,95,39,		1500 DA14 100, 200, 6, 108, 110, 180, 110, 17, 100, 200, 200, 2
	0,666				1600 Date 251, 230, 251, 208, 8,
	1948 BASA 73,76,79,79,60,12, 13,30,30,30,50,60,72,63,60,7	- An	1302 5000 70.00,2.05.9.900.0.		
			89,0,81,0,31,4,66,89,111,808	177	.43,189,109,0403 1800 Deče 139,45,185,106,133
			1300 Dece 37, 32, 32, 32, 32, 32, 32,		, NE, 78, VY, 800, 30, 8, 8, 8, 8, 150, 5
	83,73,67,38,77,69,77,79,60,0				
	1000 Octo 00,73,70,70,75,73,80.	10	32, 36, 694 Lino Dere 78,69,73,35,30,76,		
	77,65,64,73,70,76,46,13,13,3		70, 00, 69, 43, 50, 63, 45, 63, 45, 7		29, 20, 20, 29, 29, 89, 65, 69, 89, 5 F, 600
					1630 0404 66,65,83,73,67,6,0
	1070 DETR. 69, 73,69,76,80,62.				.0.169,639,191,90,3,189,69,1
	13, 13, 50, 50, 50, 50, 60, 73, 63, 6		79,65,30,115,116,116,116,30		
	1000 Date 28,40,00,60,32.01	00	39, 30, 1070 1300 0918 81,90,00,00,70,00		1840 DATA N3, 150, O. 168, 8, 73.
			60, 60, 67, 72, 60, 50, 60, 60, 76, 6		955, 195, 93, 180, 65, 191, 6, 3, 18
	1000 EWIN 80.00, 30, 80.00, 71,	10	1372 8000 37, 17, 37, 79, 77, 19,		70, 174, 187, 109, 0, 180, 0, 179, 1
	69, 69, 49, 13, 13, 30, 60, 68, 65, 7 7, 665		63, 84, 36, 36, 36, 36, 36, 36, 36, 36, 3		
		AG.	1300 OACA 123,30,50,0,0,81,0,8	XX.	1880 0876 225.231,151,250.23
			1,0,00,0,07,00,00,0,01,117,0		0.030,100,000,161,130,007,17
	7,1119				
211	1110 BASA 03, 13, 13, 30, 30, 30, 30, 30, 30, 30, 30, 30, 3	00	1380 OWTH 51,16,91,0,91,4,18		187 0034 107,48,1,06,162,0,
			2, 32, 91, 5, 107, 65, 66, 16, 167, 6	12	
					1800 0414 849, 189, 49, 183, 881
	30,50,60,67,40,07,38,30,60,6		0.51.5.01.01.51.0.07.98.798		189,95,139,050,165,050,167, 98,000,7,165,0977
100	1,900 1130 Dere 67,73,73,46,13,13	46		81	
			7,834,83,110,100,894,177,126		6,180,0,177,091,091,189,179,
	1665				
044	17:00 CWTM 83,874.03,885,894.30, 895.08,885,885,885,885,885,885,885				
		17	9,636,383,110,40,8808 1930 DRIR 100,37,850,63,126,	77	8,181,185,851,9548 1710 Seco 184,852,32,827,807
	1150 DATE 32, 32, 52, 68, 69, 77, 80, 69, 32, 77, 69, 77, 79, 66, 88, 3				.169,850,800,174,41,187,38,8
	2,1606 1100 5030 73,78,38,70.60,68	100		TT	
	38,30,30,30,65,63,67,79,73,4		9,181,829,33,129,37,160,165,		
			250,185,234,38,2521 1750 8658 74,50,08,01,74,81,	9.0	77,051,170,0188 1730 DRIFE DWO. PJ. PGO. 177,051
	1179 BASA 13,13,35,60,77,65,				
	68,62,94,78,85,77,66,69,62,1				
		1C	1980 BAGA LES, SP, 74, 17, 90, 61	110	
			,70,23,91,23,71,63,71,23,78, 69,1697		1000, 897, 188, 74, 30, 210, 255, 2 90, 60, 200, 68, 2632
				63	
10	1190 Date 88,65,68,69,67,79,				1700 DATE 176,151,40,387,38, 033,855,200,177,051,600,387
	77,85,78,35,78,65,77,66,65,8		8,141,1408 1400 DA38 33,508,162,9,169,5	12.	176,18,30,210,2304 1760 DWTH #30,36,58,185,188
					79.36.632.688.368.78.38.690.
110	1910 DATA 13.13.30.30.30.30.30.		,0,133,252,24,165,45,133,90,		
	87,79,78,65,69,02,61,83,36,7	80	133, 105, 185, 1892 1500 BACA 68, 133, FE3, 133, 100	24	
					1780 Bain 251,133,68,806,177
-		ZA.			
	1830 DNTH 77,66,69,69,95,13, 0,0,38,60,60,32,65,79,89,30,		.651,133,107,133,103,185,654 ,669,656,133,108,6878		Pt. LES. PCS. 196, S. 139, 250, 719
				C3	P. 230,252,8290 1000 Seco 180,50, 35, 179, 638.
210	1P40 DATA 75,69,09,30,07,79.		0.110,100,0,177,08,145,253,1 85,107,208,6,8243		139,000,000,000,000,000,000,000,1
	5.1179	40	1530 DW1* 150, 250, 185, 108, 84	87	1810 Dalk 13,800,38,800,10.3

#### LISTING

	2,200,255,240,851,801,3,808,		0.0.0.0.0.0.0.0.0 P180 Serie 0.0.0.0.0.0.0.0.0		.0.176.0.30.63.105.30.105.0 741.048.1830
10	1,86,68,9235	1.0	2180 Secon C.G.G.G.G.G.C.C.C.SS .85.61,79,49.48,41,49,503		
					1,62,565,63,133,88,169,59,1
	.001,144,5,5105 1030 Dece 230,255,85,147,13,	60	7180 3606 0.0.0.0.0.0.0.0.		
36	36,30,30,30,30,30,30,30,60,6				
		82		13	58,52,(67,5703 crato cere 185,000,000,00,30
	1092 DACH 60,32,05,65,62,73,63,60,78,80,78,80,30,68,89,77,00,0	10	0.0.0.0.0.0.0.0.0.0 2192 BASA 0.0.0.0.0.0.67.79.		
				79	9,808,8,189,0339 2450 DRIV 850,133,99,133,98
81	1993 DACA GE, BE, BE, BE, 13, 13.	ra			
	30,0,103,187,119,834,19,839,		gios seis 0,0,0,0,0,04,78,85		'80, 14, 30, 167, 189, 187, 60, 690 19, 32, 167, 1790
		24		EX	SATE DATE 105, 197, 21, 200, 6.
	74, 1,690,61,624,169,195,133 251,169,188,8388		0.0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0		
12					2'900 EA34 \$2.00, 185, 830,850 36,121,185,230, 95,800,7,830
		05			
100	169, G. S. 200's 1690 Dalle PHO, NJ, 201, 34, PHO,		2050 DATE 0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,		
		14			187,185,185,45,608,6,790,45
Co.	30, 3,00%,0090 1800 DASK 100, 0,093,05,130,0	20	90.0.0.0.0.0.0.0.0.006 paid DMIN 0.0.0.0.0.0.0.0.0.0.0.	21	
100					2,17,132,251,86,185,129,133 39,365,183,1837
	133,959,1883 1900 0878 177,953,195,850,82		2000 0818 0,0,00 08,70,40,40 48,60,00,0,0,0,0,0,0,0	22	
AS.					
				30	00,177,39,1618 gado pare 103,051,000,145,3
7.0	251,169,160,133,000,103,133		20'40 CWIN 0, 176, 250, 177, 830, 160, 834, 177, 182, 179, 250, 48, 1		
					200,236,230,2416 2030 Deth 35,200,232,184,13
		69	2000 0000 130,003,009,0,133,		
	8,812,800,830,000,845,108,0, 168,745,180,0003		191,160,36,103,061,160,061,1 33,187,160,0,7330 8080 DRFR 133,180,165,053,13		
				67	20000 DEFE DE 100 DE 200 P. 2 8 27 108 300 PE, 121 180 1806, 1 102 30 1800
	30,000,015,030,171,0,160,30, 30,010,030,0171		3, 183, 183, 8, 133, 106, 169, 96, 1 53, 106, 37, 213, 2373		
				10	Fig. 180, 7, 230, 180, 28, 197, 7, 90, 180, 7, 230, 180, 7, 230, 180, 200, 2, 23
	3,000,000,000,180,0,000,52,1 80,34,50,2187		0070 0878 043 180 180 80 100 005,000,180 80 160,000,184 194,008,77,160,0001		
90			2000 (A14 8, 130, C51, 30, 185, 0 50, 180, 050, 130, 050, 184, 191, 0		
					91,167,960,180,99,183,693,1
50	1900 BASA 30, PLO, PRS, LEW, 13,	100	09, 62, (61, PS1, PS2) grido cera 130, 208, ESB, 151, FS		
					77,861,800,1,840,0,36,180,1
80			65, 52, 165, 695, 6531 6300 DRIE 355, 174,658, 93, 173		
	0,181,185,129,100,040,031,30			100	2,708,P45,F559
33	1800 5838 208, P15, P1, 165, P51 109, 31, 133, P50, 169, P50, 185,	ED	E313 BACA E13,055,30,000,000,000,000,000,000,000,000		
				80	1817 7, 0975 1800 8033 FOR DOD DWG 537, 1
PH	1950 Ench 50, 189, 70, 187, 133, 251, 189, 70, 187, 133, 257, 150, 0		2300 SACA PER PER PUR PER PER CO. 1. 2.079 / 7, 100 / 7, 100 / 12, 70.0		
			0.050,1,050,100,031,03,033,15		2810 Date 230, 189,0,8,000,1
	P, PLO, PRS, PGG, PGR, P4P, 189, L9 , 166, 199, 157, 2631				
EX	PUR 189, PY7, 93, 119, P18, PV				0900 0818 207,160,00,30,30,30,00,00,78,90,168,160,17,168,0,1
100	200,180,247,53,115,216,07,81 ,190,180,160,2927		29-10 DASH 1095, 32, 167, 199, 208 34, 35, 233, 169, 32, 167, 199, 32 1957, 185, 208, 2030		
90	2020 Beck 183, 163, 107, 183, 18				
1100	9,000 0000 183 183,000,183,18 9,009,13,30,30,30,60,60,60,6		9,99,149,169,30,167,168,169, 89,149,167,7909		19,001,00,011,00,000,0,0
41			2360 CMTA 30, CV3, 184, DV3, D28 30, 347, 189, 30, 187, 186, 30, 18		
100			30,187,189,30,167,186,30,16 7,166,031,74,6335		8,133,027,180,9,179,050,3% 208,10,189,637
97	2,11FL PORO DECE TR.73,84,72,78,78.	m			
31					
				-	133, 0, 133, 2190 2000 DRIA (33, 173, 256, 191, 1
111	8080 DAZA 79,89,99,32,79,79, 84,32,68,89,70,72,78,89,88,9	1 43			
					D. STEN. STAT. COR. 2006 SETO DATA STAD, 20, 129, 187, 2
52	2000 SAEM 0.02, 70, 93, 58, 6, 32 .70, 56, 58, 2, 36, 75, 54, 56, 0.03		5990 DATA 133,59,165,323,133 50,38,115,0,170,831,38,89,1		
					050,030,000,0478 0800 DWS 255,30,818,507,51
100	2070 0404 32,70,52,58,0,32,7	019	2402 BASA 185,165,68,133,123		
	0,53,58,0,30,70,84,58,0,38,6		189.0.1.1897		

#### LISTIN

	8,2,290,90,92,180,187,76,188 ,189,168,29,8371	1	85,73,79,79,62,32,32,32,32,32,3 2,913		37,32,32,77,69,77,32,65,83
E	8723 BASA 38,833,866,130,869 ,58,300,18,200,000,141,211,1 87,30,000,160,000	10	75,75,76, 00, 30, 30, 30, 30, 30, 30, 30, 30, 30	10	
200	2780 0454 160,17,177,851,808 .38,630,177,850,170,850,177, 851,568,37,568,0878	16	0.147.36.36.36.36.36.36.36.36.	20	27,301 Section 38,38,66,68,63,7 87,30,68,83,61,68,83,30,10
<b>a</b> 7	2730 DADA LET, 168, 32, 32, 230.	76		C3	3090 OFTE 68,69,56,13,13.3
52	2710 Date 160, 40, 177, 651, 172	10		85	2,574 3300 DATH 30,30,30,30,30,30,30,30,30,30,30,30,30,3
^6	188,19,30,010,0916 8750 DeTe 255,165,053,040,18 .558,17,048,5,36,360,187,76	(m	76.00 DW14 30.30, 30.00.70, 73.	00	2012 Dalls 32.32, 32.32, 32.13.1
82	2703 BASA # 107.05.052.0.173 2703 BASA # 107.05.052.0.173 250,191,200.3.70.03.180.183	78	3010 Enia 32, 32, 32, 32, 60, 60,	30	32,678 3360 BANA 35,60,60,60,60,8 66,65,63,73,67,60,77,60,77
ec	15,123,1800 8778 DASA #,000.0,133,853,76 .00,100,100.0,133,853,090.5	79	F. 943 3080 Book 13,13,0,30,30,30,37,3 F. 60, 80, 70, 71,80,46,17,30,10	12	9,900 2330 Dece No. 88, 35, 65, 65, 6 86, 36, 13, 13, 5, 76, 76, 76, 76,
10	2780 Defe 32,210,255,188,0,1	70	NOSO DECE ON THE OWNER OF THE	11	. 609 3390 DRTH 77,00,0,0,0,0,0,0,0
-	2790 DACA 183, 0, 190, 3, 190, 34	08	30, 30, 30, 40, 40, 40, 80, 30, 30, 3 2, 752 2070 DMTM 30, 30, 30, 30, 30, 80, 80, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	80	3350 DATE 45,50,55,64,63,0
0	CHOCK COLD CARD IN COLD BY CARD IN	08	3000 Dete 30.30.30.30.30.30.30.	15	2302 Dets 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
04	7,800,78,848,38,30,589,855,8 46,176,830,5583 8810 087# 259,185,854,831,83	16	80,69,78,40,04,88,50,68,47,7 8,600 3000 DWTW 32,13,0,195,32,32	21	3980 BASA 0,0,0,0,0,0,0,3,4
	0,189,000,001,00,100,019,000, 0,189,000,000,0031 0800 5050 100,150,0,160,1,10		20, 30, 30, 30, 30, 30, 30, 30, 30, 30, 3	20	5,0,0,0,3,9,8,3 7300 0000 0.0,1,3,0,0,0,0,0
	2870 5454 100, 150, 0, 168, 1, 10 0,051, 160, 17, 160, 0, 190, 051, 0 00,050, 120, 100, 100, 100, 100, 100, 100, 10	ra	00, 07, 00, 00, 00, 47, 78, 30, 148, 15, 600 21.2 8000 0,10,78,78,78,78,78,7 3,76,60,60,50,75,76,76,76,76	0s	
47	. 9, 30, 000, 003, 100, 17, 000, 133 30, 180, 167, 0167 8093 3000 163, 100, 37, 518, 530		1000 2000 00 00 00 00 00 00	75	7430 OFFE 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
	70,110,180,00,180,003,100,0 #,182,001,180,8300 8900 been 258,100,0,133,252,		19,0,19,00,00,00,00,70,00,09 1007 3130 Dece 79,78,60,00,70,70,70	11	
	90, 160,0, 160,000, 160,000,0,0 9,210,000,0015 0000 DRIM FRE,000,000,00,160		8,1189	10	0,0,0,0,0,0,1 200 6014 0,0,0,0,0,3,0,0,0 0,1,0,0,0,0,0,0
	, F. 180, LY, NF, PHO, 255, L62, F. S.		2140 0600 30,13,0,30,30,30,30,0 0,60,40,71,30,70,70,30,60,60	53	
	00-0 007A 090.0, 30,000,005.0 07,000,090,09,160,3,166,17,3	-	\$190 DEFA 83,73,87,38,80,68, 71,58,13,30,50,50,50,60,50,60,6	30	PORG Section 2, 2, 5, 6, 6, 0, 0, 1, 2, 2
1.4	#800 DATE 100 0, 189 158 150 000 042 4 32 233 250 000 000 000 000 000	83	2300 CHTM 30,70,70,30,60,60, 83,72,67,30,60,60,71,68,13,3	34	Print BASA 0,0,0,0,0,0,0,0,0,0 0,0,0,1,0,0,0,0 2100 Befe 0,0,0,0,0,0,0,0
15	2990 (M18 210, M30, 30, P10, P55 ,90, 30, P37, P37, NB, 180, 0, 160, P8, 30, P12, RND		2170 DNTR 32, 32, 32, 66,69,71, 32,79,70,32,66,69,62,73,69,6	10	5,0,0,0,3,4,0,2 2000 2000 0.0,1,0,0,0,0,0,0
13	2903 SACA 255,232,824,82,82,808 ,618,50.169,178,133,281,169,	DR	2000 DATA 70.00, 83,68,13,38, 20,38,38,40,78,80,30,79,70,3	1.0	\$180 BASA 0.0,0,0,3,0,0,0,0,1
00	290, 133, 050, 06, 0658 0333 Debn 039, 239, 747, 13, 30, 30,30,30,30,50,60,60,60,60,60,5	68	70,00 DATA BO.05,00,73,05,00, 70,00,83,50,13,30,30,30,30,00,0	72	
3	50.00 (0474 88,85,83,88,38,66, 50.02,73,87,30,88,48,40,40,49,9	13	3000 DASA 89,71,30,79,79,30,65,82,80,65,89,83,58,13,30,3	79	3550 OFTA 0.0.0,0,0,1,0,0,0,0
9	0830 DATE 35,50,50,50,50,50,50,	19	2712 BASA 3F, 3F, 88, 78, 68, 3F, 79, 73, 3F, 66, 80, 65, 80, 63, 6	ST.	2000 Date 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
N	0390 BASA 30,30,40,67,40,30, TE,40,70,73,71,71,73,78,83,3	50	3000 BACA 13,30,30,30,30,30,60,		168,1,100,191,43,38,81,185, 89,24,109,0000 3580 ONTH P. 133,45,185,35,1
	2955 BASK 10,57,55,56,13,13, 0,36,36,36,62,67,65,69,69,75	w	3730 DATA TB,71,83,58,13,30, 37,32,32,63,70,68,12,70,12,4		5.0,139,40,76,56,166,32,116 0.36,1183
X	2000 DATA 62,62,32,32,32,32,32,	ès.	7,858 300 Dere 83,84,85,73,76,71, 83,58,13,13,30,30,30,30,77,6	65	201,704,049,4,201,236,144,6
P.	5,676 SECO DRIA 46,38,39,39,30,30,30,30, 36,39,38,38,30,30,30,30,30,30,30	50	3250 Date 77, 32, 65, 63,69,68, 32,66, 68, 89, 82, 68, 83		871,150,700,180,080,180,79,180 .87,150,700,03394
C	2,526 2500 DWT# 32,60,60,73,63,73,	70	0.1070 3000 DATA 70.00.03.08.13.39.		207,139,105,120,027,29,120,1 1,737,630,6271

#### LISTIN

100	3600 DRIM 191,69,199,109,000	00	2900 DHTM 183,133,250,169,18 0,133,656,36,206,189,36,139,	170	1180 DATA 133,90,162,171,9
	,85,800,189,801,815,800,167, 808,87,189,47,8970				32,73,180,32,023,189,32,13
CB	3630 DATA 199,117,207,129,20	46	9900 0404 051,168,109,133,05 6,36,186,189,36,662,604,089	A2	180 30,186 1875 1180 3656 187,167,0,189,0, 157,0,0,090,3,030,098,095,1
	39,630,185,64,6536 3640 DRIN 206,285,203,217,20	-	255,133,8,38,8372 3820 Dale 101,194,165,43,165		.000,1505 W000 DMTA 18,569,39,139,63
	,190,57,195,183,6731 2850 DASA 603,88,600,188,186	-	5.10,166,15,6348 2030 DMTM 38,605,283,38,381	re.	26,168,1368 1010 Debn 30,107,169,165,0 139,53,166,01,129,59,30,00
	, 260, 4, 130, 15, 160, 0,0,16, 7,0 00, 855, 2765		194,180,46,185,46,39,905,189		
		15		73	133, 49, 134, 50, 32, 143, 166, 30
	,801,30,893,95,133,9,801,24, 692,89,39,6031		05,109,32,101,109,166,57,165		
	090.09, 39,0051 3830 3A5A 15,110,45,001,63,0 08,1,050,153,000,37,001,40,1	133	2000 BASA 189, 37, 185, 194, 185 ,50, 168, 48, 37, 205, 168, 37, 160	93	16730 DRIA 78, 109, 30, 800, 601 30, 61, 166, 166, 34, 164, 36, 84,
	99,9,800,0013 3600 DATA BO.194,69,138,113,			66	06, 2, 133, 1626 1210 Date 95, 131, 1, 200, 132,
1		TW.	2080 DRFA 185.50, 30, 205, 183, 30, 181, 104, 585, 58, 585, 58, 30, 204, 185, 30, 1055, 3035 Bahba 181, 104, 68, 165, 47, 204, 45, 172, 165, 48, 205, 46, 32, 005, 185, 50, 2033		
	200,232,180,1800 2000 0624 0.2,56,293,158,160	100	804 D86 38 D863	11	0,004,30,1858 1050 DRTH 110,185,76,013,0
	,819,815,891,189,809,17,5,11 ,189,113,1587		209, 95, 170, 166, 98, 209, 95, 32,		,30,000,001,160,171,56,36,
e		65	2000 ORTH 181,101,55,165,19	10	
	805, 0, 840, 68, 68, 833, 68,845, 4 ,00, 73, 8399 \$710 Defe 208, 2, 133, 75, 56, 83		809, 47, 170, 100, 50, 609, 48, 30, 809, 109, 36, 8041		30,800,004,180,30,187,180 6,913,804,800,8483 1870 0878 14,918,3,76,8,17 180,0,194,8,630,630,194,65 180,2,1089
		FC	bood saha ist inv. so ten. st.	CA	1870 ONTS VI. 540, 3, 78, 8, 17
	90,009,1800 3700 BASA 187,8,040,200,200		200 084 18 104 00 10 20 82 82 82 80 108 28 80 108 108 108 108 108 108 108 108 108	80	
•			"000 DEFA 181   104 70, 110   104   104   105		
	F, 630, 11,800, 6878 3730 ORTH 185, 167, 168, 15,858	co	20%,188,218,2488 9000 BAGA 159,100,211,76,108	111	20.0,030,0040 1000 DATA DOM,030,004,0,14
	185,158,060,200,181,299,05,		\$1,000 1,000		881, 884, 7, 178, 817, 180, 4, 13 894, 163, 50, 8944
	180,150,100,200,181,240,15, 180,0,0,0,0,000,181,240,15, 3740,5454,180,180,900,180,0 120,180,200,181,120,80,180,0 180,130,100,000	30		BC	
	180,130,100,2000		Pr. 01, P1, P1, 00, 25, 80, 0, P15, 3		160, 0, 189, 9, 0, 000, 0, 30, 010 89, 030, 1900
	8.7.50.0014.200.0.000.830.000. 8.7.50.003.130.183.003.003.0	64	90.00 CHTM 78.8.179.179.181.1 80.1394.81.179.100.100.179.00	81	97,162,7,145,135,062,004,0 17,162,7,145,135,062,004,0 1163,135,135,0400
		60	30,10,160,1794 9090 Dece 191,00,160,0,160,1	All	.169,130,133,0900
	18F, 890, 11, 800, 185, 138, 193, 16, 890, 185, 8077	m,		~	,30,30,171,180,083,108,0,0
		15	39,41,1889 need care not be 71,171,800	53	\$100 000 100,100,00,100,00 00,00,170,100,000,100,0,0 01.05,770,1070 1000 0000 0.000.0,000,07,0
	2,100,70,15,70,70,40,11,021, 855,642,7,0045		1050 (878 107 30 71 171 80) 37 000.0 100 000 73 100 133 807 000 177 0230 9080 0008 00 000 30 10.038 8		12, 160 3, 200, 204, 242, 12, 120
		-80	4040 OFFR 09, F40, 38, 16, 538, 5	79	1993 SACH 30, 48, 106, 230, 25 .01, 32, 136, 1772 Pb. 184, 156, 166, 0, 004, 4, 80
	36, 367, 72, 750, 72, 50, 138,007, 199, 9, 709, 1808		,133.091,160,0081		70, 184, 159, 160, F, SS4, 4, 808
	3780 0978 209, 78,118,309,109,188,189,109,189,170,189,199,188,880,033,8	73	00, 000, 000, 000, 000, 000, 000, 000,	**	1,90,50,5000 4300 002A 171,180,40,30,01 005,70,043,100,30,001,100
	03, 170, 130, 79, FG08	10	189,157,160,48,2780		ess, re, ex3, to6, 30, ess, toe,
	200,189,139,293,19,890,48,89		1000 CHTA 200, 30,00,000,700,70 3,100,70,000,170,30,000,800, 30,003,174,2100	55	9360 DATE 30, 30, 171, 30, 115
	000,180,139,789,16,650,48,64 9,600,100,730,1803 3610 0474 103,48,9,30,71,171 1000,045,76,039,160,73,76,70	Pt	1030 DATE 30, 138, 179, 30, 247, 183, 168, 83, 79, 188, 81, 79, 38, 8		500, 70, 073, 100, 30, 001, 100, 3, 100, 30, 003, 100, 3, 100, 130, 120, 130, 130, 130, 130, 130, 130, 130, 13
				68	
	3800 0416 73,154,85,85,85,64,83	P3		80	0.000,1580 1300 0031 0.100,49,30,030
	7,68,79,712,70,66,256,68,68, 189,70,1807 3836 5438 70,190,70,73,78,19	00	09,133,093,168,6899		5, 508, 508, 540, 32, 53, 171, 16 6, 6, 59, 1885
		69	108, 83, 184, 81, 104, 133, 894, 1 04, 133, 883, 188, 8894 918 DATE DES 75, 98, 895, 58, 8 50, 180, 0, 177, 80, 800, 11, 32, 8	84	1200 0438 176, 1, 189, 10, 200
			17,655,600,6436		
	0.104,1730		104,198,88,F40,F,144,3,76,8 175,38,8087	BE	78 50 00 75 51 70 0 17 08
	3858 8434 72,01,65,191,61,20 1,01,611,68,83,80,73,67,197	67	1130 BASA 138,173,32,217,183 ,100,62,133,631,189,61,133.6	45	107,1118 T107 BACA 30,60,0,13,60,73
				40	
	3850 D434 77,187,69,65,84,19	65	100 Date 131,253,169,166,14	40	30,1077
	77,000,1858 3872 DACA 75,68,89,188,85,65				.60,160,197,38,30,171,38,9 171,189,80,1908
		13	1150 BACA 3F, 180, FEL, LES, FEF , 37, FOS, LSS, 134, 180, 189, 0, 2,	60	TY30 DASA LEE, PO. 30, 205, LE LEB, 62, LEB, 193, 30, 30, LTL, L
	3,79,1600 1981 2000 200 77 68 FLD 182	30		21	169,65,160,997,38,90,171,6 YVVJ BOON 187,36,632,633,1
	786, 77, 16773	~	1160 GW34 202, 35,217,21,165, 251, 321,253,133,250,371,2,23		30,000,000,000,00,00,00,130,
	3850 DASA 60,78,000,0,040,3,75,8,81,32,213,29	31	0,050,76,131,0470 4170 DACA 184,168,38,141,8,3	95	1150 BASA 152,32,210,255,71
	7,199,1761		,LEB, DOB, 741, 3, 3, LOB, F, 3, 134 ,99, 1305		250, 196, 170, 41, 240, 74, 74, 74, 74

#### 

	299,37,1532 9990 DATA 160,009,808,87,165		5,30,110,180,0081		5,30,013,009,76,0,179,30,000
	,027,028,03,185,003,001,0,15		4780 Deck 78, 116, 189, 162, 167		
			3,165,79,160,000		8,116,554,30,880,894,30,51,1
			1270 0414 1,129,033,133,034,		
	0,091,5,1990				,850,884.76,38,800,800,180,3
25	9518 DATA BOD, 027, 70, 150, 160	FA	1790 BACA 93,177,281,293,30,	50	8.213,004,00,0000 0070 0010 040,177,76,000,004
	100,30,000,000		133,000,104,00,177,263,240,1		,78,118,154,144,5,20,150,156
	1500 SACA GC, 150, 79, 640, 78, 6	rs	6,165,205,209,2746		,30,31,150,1000
			1,000 0414 253,210,6,230,30,1		
			80,4,000,000,030,00,000,004, 250,69,250,2500		
			WEGG SACA 69, 800, 180, 32, 883,		
	9990 DACA 139,130,611,630,63		9000 BACA 189, 169, 35, 35, 35, 555,		
					\$100 DATE 179, 180, 0, 188, 104,
63	9,194,212,171,2550				809,183,180,800,000,851,185,
	1550 000A 001,160,176,38,178		1830 Date P, 177, 053, 133, 00, 0		250, 52, 200, 195, 2575
	.030.136.000.050,180,0,86.00 .10,30,07,1830		90,177,653,133,61,90,36,38,19,1		\$110 DACA 160,0,109,180,001.
	WHO OFFE 180, 37, 01, 100, 101.		66, 180, 1, 1843		167, 0, 0, 040, 4, 830, 600, 600, 64
	F14, 180, 04, 800, 0, 000, 100, 514	100	9890 0826 183,15,177,55,290.	06	\$180 DAZA 3.141,804,801,173.
			61, 32, TV, 180, 200, 177, 89, 179, 200, 177, 89, 2081		2.2.141,000,001,169,003,741
			NESS DATA DIST, ST., SOR, 4, SEE, ST.		
			0,848,8,776,44,130,73,30,005		
			1860 0818 30,164,73,41,127,3		
	,610,600,180,011,3183		73,055,1680		
18	9550 0414 201, 40, 191, 5,68, 23				
	9,40,139,011.00,187,187,049, 30,180,010.0000				\$558 Sets 201, 34, 240, 3,76, 6,
	1500 Sale 200, 10,169,64,139,		.000,177,95,2180		
	CUS.CS4.ES4.ES4.CS4.CS4.CS4.ES4.	EX.	1890 5414 199,99,139,88,008.		199,099,1860
			194, 180, 13, 30, 910, 850, 66, 16, 915, 961, 955, 9312		5080 5819 38,1,800,38,190,65
	1818 0038 201, 201, 185, 218, 73		9990 Secon (99, 811, 99, 15, 98, 8		5,170,0,169,19,30,189,659,89
			D7,50,033,107,170,180,73,100		\$170 0000 001, 100.0.37, 100.0
	89,191,106,2179				
	9530 BASA 108, 179, 174, 0,188, 70,157,0,818,000,000,000,86		W000 DRIA 71,171,000,095,188		
	\$15,674,180,6780			91	\$190 8454 188,29,38,188.008,
		CF	170.30,1908		38,807,899,801,13,842,4,32,8 10,885,808,8376
			9900 0ACA 130,173,32,047,183		\$500 DATE PVE. 100.15.30.100.
			4,853,366,56,5066		255, 32, 201, 250, 154, 101, 90, 30
	9500 0404 004,169,810,133.08		9.0, 151, 55, 551, 32, 151, 0.2		
			01, 77, 000, 007, 30, 110, 0, 000, 1		
	2,510,150,160,0500				
	"600 ONTH PS, 30, 18, 199, 189.0		9890 ORTH 95,833,8,133,65,16		
	71,133,00,165,043,133,89,30,				
	974,159,30,00V4 VEITO DETA EVEL 189,169,65,39,				
	18,299,78,78,285,84,165,99,1				
					5000 ORTH 3.3,169,1,139,123,
		18	8,85,144,8,7136 9900 DACA 200,166,166,859,88		169, 255, 133, 122, 160, 0, 177, 25
			0.95,176,180,160,0,380,09,34		
			5,655,600,185,0878		
	4850 Dale 55,30,73,100,30,60				
	1,189,133,90,130,93,00,100,0				5850 DWT# 61,108.1,638,630.1

#### LISTIN

41	133,185,1801 5300 OWT# 150,13,151,11,32,2	24	04,204,141,890,8785		7,201,1000
			5596 BASA 201, 32, 229, 201, 75, 69, 225, 150, 259, 171, 62, 201, 19	An	5000 BADA 72,200,299,191,99 207,30,139,7,30,003,179,30
BC.	\$300 0m2m 30,241,262,162,29. 76,50,104,50,76,36,641,606,1	80	5850 DATE 255, 30, 827, 204, 162		
			9,189,198,198,260 0,189,198,193,2608 5600 8654 12,189,199,137,12		.851,165,21,150,252,160,56, c.210,250,30,2374
				- cm	2,218,255,32,2374 \$680 DACA (FV4,608,36,50,171
			189,051,139,49,169,191,133,4 8,180,46,284,0001		
67	530, 168, 0, 2768 5300 OHER 160, 195, 20, 260, 195	13	6,180,46,184,0001 6810 0018 NO.168,43,30,016.0		
			55, 30, 200, 201, 162, 1, 181, 253,	100	5890 DWT# 171, 200, 202, US, 2V , 160, 50, 32, 210, 255, 162, 5, 16
240	10940 DATA 100, VER, 133, VE, 124 VE. 50, 100, V2, 133, US3, LES, VE		9982 BASA 608,649,78,118,399		
			,160,7,41,854,130,1,06,166,1 ,9,1,1680		0.202.15.1000
				11	9,800,35,1000 SSLD DWTH E37,30,815,170,30
	8360 Seco 263,804,4,890,85,8		7, 167, 8, 1831 5693 Belle 232, 208, 295, 169, 10		
				56	5500 DRIM 191,181,230,250,7
					,000,000,174,003,130,094,17 ,48,007,004,78,0007
	5379 BADA 169, Pt. 133, E14, 169 .0.133, E11, 3F, 109, EE9, 76, 49,		8650 DEFA 165, LET, LED, F, 25, L 83, 255, 86, 30, 200, 204, 37, 68, F	EA.	
					30, 210, 255, 2074, 10, 274, 10, 176, 3
213	\$360 DETA \$50,141,127,203,32	80		60	
	55, 173, 141, 2, 2013		,055,174,60,004,189,1,30,189 ,050,180,4,8343		
to.	\$390 Dece (01.1.000, 012.160.	CB.		90	170,168,36,3930 1090 Dece 36,610,690,138,36
	110, 203, 230, 32 200, 32, 160, 2 05, 173, 111, 2, 2072 1300 0x0x 0x1, 1, 000, 242, 180, 187, 207, 4, 200, 277, 30, 110, 263 173, 187, 203, 2021			-61	
44	173,127,803,8521 5900 DRIN 191,30,000,70,93,0	-			
149		-65	8080 3606 0.168,51.3.193,94. 808.808.898.79.113.697.601.3	71	
			1, F10, 3, 1874 1600 OFTS, 70, 8, 179, 189, 188, 1		281,189,850,170,49,007,180, 70,840,40,110,8077
CB	9110 OFFE 173,50,000,79,055,	16	5690 0414 76.4.179.189.139.1	1.0	
	111,50,200,32,110,205,96,200				
0.0		144	% 141 107 806 8351 5750 Dere 78 100 895 861 94	30	9,109,0,1700 1000 Balle 1,249,3,232,200,2
	#3, #20, #24, #34, 100, #30, 141, 1 94, F, 100, 73, Palis				
		-	100,103,200,100,200,000,000,000,000,000,000,000	70	
		170	150,179,30,180,100,001,0,001	78	1,76,30,171,30,221,200,165,1
-					
2.4	0.180.70, 101.71, 25, 747, 183, 183	81	5720 DWTW 32,213,201,180,0.1 77,78,189,895,198,6,690,9,20	w	
					04, 30, 116, 0, 104, 208, 7, 52, 56, 106, 240, 1776
09		80		ce	
	20%, LES, 1, 200, SS, 144, 23, LES, 167, LE, 18, 1800		051,76,000,009,30,199,009,30 ,186,009,36,0363		00,7,37,043,180,040,37,000,1 9,004,70,0030
46		100	5740 5033 100, 003, 78, 118, 189	33	5,000,70,0000 5000 Dere pos. 37, 30,713,004,
	1031, 0, 179, 10, 170, 30, 613, 694 57, 73, 180, 6003		50'40 5434 100,003,78,118,184 189,172,88,000,940,00,168,1	-0	
	3170 DETA 38,889,801,78,48.8	100	85,741,743,0,0100 8750 Brich 189,107,741,144,0.		173,050,101,001,15,010,75,30,000,000,000,000
100				59	
	5'000 DATA 201, 1, TV4, 0'00, 001, 0, 178, 0'07, 179, 0, 30, \$13, 004, 3	10	\$760 BASA 90, 189,108,191,80, 2,168,623,141,61,3,36,283,60	.04	
					110,164,000,83,008,3,70,150,
48		66		60	\$200 tota 508 2 78 8 800 38
	879, 26, 150, 173, 36, 160, 186, 16 0.76, 613, 624, 6360		87,8,3,808,38,897,389,50,591 -98,3,5883		8000 DASS 808, 3, 78, 8,805, 38, 200, 20, 200, 200, 10, 6115, 32, 200, 200,
14	8500 Beck 32, 213, 204, 32, 162	100			
			69,65,793,59,9,399,079,191,9 1,9,399,1707	30	8080 DATE P40, 15, 803, 38, 808, 8, 36, 808, 875, 899, 816, 803, 8, 8
	5, 30,158,1984 5810 DASH 103,074,1,092,8,00		1,7,789,1707 9780 Dete pro.141.59,3,188.6		90,7,29,7181 8000 8604 90,56,86,167,9,989
20	1,0,090,0,000,000,100,100	22			
					157, 189, 248, 199, 38, 210, 259, 8
05	6520 Snon 201,95,169,9,139,1	00		*1	
	86,169,0,133,10,76,165,691,1 89,4,133,1903		,72,152,72,168,127,191,13,62 1,175,13,18894		
53		12	1,276,13,1004 10010 DRT# 881,16,3,76,114,85 1,30,168,846,30,855,856,840,	100	
			9,30,168,896,30,809,896,890,		
40	11,177,051,0410 5992 DOCA (D1,74,092,11,188,		6,76,119,0000 9000 DACA ESYLESYLESYLESYLES		116,169,79,2191 6100 DASA 30,000,009,109,30.
20	30,193,050,000,180,07,000,09			15	\$100 BASA 30,000,001,001,30.
					209, 589, 78, 813, 604, 36, 813, 60
CB		34	5830 DW14 30,169,203,300,0,1	10	
	7,200,182,67,200,245,246,17 4,200,150,0,2675		90,185,57,141,100,155,165,58 ,791,221,189,6056		
68		78		an.	1,109,30,30,6009 8160 SACA 171,76,603,604,36,
				100	
-	9,78,69,1903 9970 DRIM BES, 173,890,804,78		2,70,183,26,2958 5850 5834 102,000,3,76,0,175		4,837,200,0,2300
	1570 DRIV. 200, 173,250,204,72		.021.08.000.0.141.40.027.042	0000	mond on Pare 94.

## OUR COMMODORE

01-437 0699

STREET LTD, LINE CO.

TECH DRAW 54 . /

Fall sereils on Your

Over hom Your Cons

SOFT LINE WARREST BRADEN FOR PRICE STREET

HARDWARE FOR SALE

D.P.C.F.COMPUTER SERVICES LTD

D.P.C.E., Wilkinson House, Telspace 2. Stafferd Pk., Tellierd, Stropshire TF3 3BD Tel: (0952) 620 488 Tel: (0952) 620 488 NOTE: For allows please send £2.00 p4.0





CROYOON COMPUTER
CENTRAL STATEMENT COMMODORS HOME COMPUTER
CENTRAL STATEMENT COMPUTER
CENTRAL STATEMENT COMPUTER
COMPUTER STATEMENT COMPUTER
COMPUT

# Repairs Guide Call Alan Cole on 01-437 0699

NEXT COPY DEADLINE FOR AUGUST ISSUE IS 23rd MAY DON'T MISS IT



BLUE COMPANY DAMP STORM OF THE PARK OF THE

\* Streeter Specimen - 
\* Project on any Tree 
Project of the Project of the 
Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the Project of the 
Project of the Project of the 
Project of the Project of the 
Project of the Project of the 
Project of the Project of the 
Project of the Project of the 
Project of the Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Project of the 
Proj

PART, RELIABLE TURNANDEN COMMODORI

MON. ACCUSING YOUR NAME AND ACCIDED IN THE WORLD COURT and sand in SIGNE COMMISSION. ADVENTIGEMENT DEPARTMENT, INC. 1 SOLDEN SQUARE, LONDON NIK SAB.

Limeage 64p per word (inc. VAT). Minimum change ER.10. Chaptay box rate 616.00 per unique column pardimetra = 1,47. Minimum sale 2 form, no retroductorisments for concentrations. At lets. ☐ For Sale ☐ Software ☐ Hardware ☐ Languages ☐ Services ☐ Assign

Phone street travels by herbes tobus

ASSIFIED COUPON CLASSIFIED ADVISORSMENTS MUST BE PREPARE

Commudate Where Are You? At the Your Commodery office my are



Puzzle Corner



The fantassis AMIGA Society is believing! This is 100.8 chance to key it out for yourself!



Part In: Communitive Stone Tolans Europe House, Addington Fast, Addington, Masshed all 27 2 day.

Proces 66% by Access/Vas and buAccess/Vas
Administer of disor. Advance fished and

COME CARDENE. Roy Show Halle RESTEL CARDENE. KEY '48, THESE KONDUNK TELECOM SOLIC CROSS



# You won't find these programs in the top ten!



BUDICALC and BUSICALC 2 which Programa like MIKEO ASSEMBLES and the ZOOM monitor around make it pass to THE BUILD MARTER WHICH LAT WHE

SUPERSOFT, Windrester House,

nd these programs e top ten!



it works with software from DPT.

PERSORT



Which disk drive



DIRECTORY EDITOR